Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032149.D
Acq On : 22 Jun 2024 02:33
Operator : MA/JU
Sample : PB161510BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Quant Time: Jun 22 03:22:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	10672	0.400	ng		0.00
7) Naphthalene-d8	10.410	136	37753	0.400	ng		-0.01
13) Acenaphthene-d10	14.274	164	25057	0.400	ng		-0.01
19) Phenanthrene-d10	17.028	188	50736	0.400	ng		0.00
29) Chrysene-d12	21.229	240	29690	0.400	ng		0.00
35) Perylene-d12	23.446	264	26043	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	10075	0.332	ng		0.00
5) Phenol-d6	6.823	99	14286	0.359	ng		0.00
8) Nitrobenzene-d5	8.798	82	10528	0.336	ng		0.00
11) 2-Methylnaphthalene-d10	12.013	152	23688	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	3789	0.315	ng		0.00
15) 2-Fluorobiphenyl	12.895	172	37167	0.391	ng		-0.01
27) Fluoranthene-d10	19.068	212	45798	0.332	ng		0.00
31) Terphenyl-d14	19.667	244	34416	0.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3961	0.303	ng		99
3) n-Nitrosodimethylamine	3.508	42	3829	0.308	ng	#	99
6) bis(2-Chloroethyl)ether	7.075	93	11101	0.324	ng		98
9) Naphthalene	10.464	128	39334	0.387	ng		100
10) Hexachlorobutadiene	10.741	225	7400	0.416	ng	#	100
12) 2-Methylnaphthalene	12.085	142	28253	0.407	ng		100
16) Acenaphthylene	13.996	152	40844	0.354	ng		100
17) Acenaphthene	14.338	154	28529	0.384	ng		99
18) Fluorene	15.332	166	36708	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.439	198	1438	0.309	ng	#	70
21) 4-Bromophenyl-phenylether	16.222	248	12060	0.419	ng	#	85
22) Hexachlorobenzene	16.333	284	13355	0.448	ng		98
23) Atrazine	16.507	200	8283	0.314	ng		97
24) Pentachlorophenol	16.693	266	3713	0.366	ng		100
25) Phenanthrene	17.066	178	56020	0.398	ng		100
26) Anthracene	17.165	178	48113	0.368	ng		100
28) Fluoranthene	19.096	202	58776	0.344	ng		99
30) Pyrene	19.463	202	57811	0.490	ng		100
32) Benzo(a)anthracene	21.211	228	42543	0.380	ng		100
33) Chrysene	21.265	228	42096	0.398	ng		100
34) Bis(2-ethylhexyl)phtha...	21.139	149	29763	0.390	ng		100
36) Indeno(1,2,3-cd)pyrene	25.688	276	42644	0.439	ng		99
37) Benzo(b)fluoranthene	22.776	252	41325	0.435	ng		100
38) Benzo(k)fluoranthene	22.820	252	39971	0.445	ng		99
39) Benzo(a)pyrene	23.349	252	33913	0.414	ng		98
40) Dibenzo(a,h)anthracene	25.697	278	34052	0.445	ng		98
41) Benzo(g,h,i)perylene	26.375	276	36117	0.439	ng		99

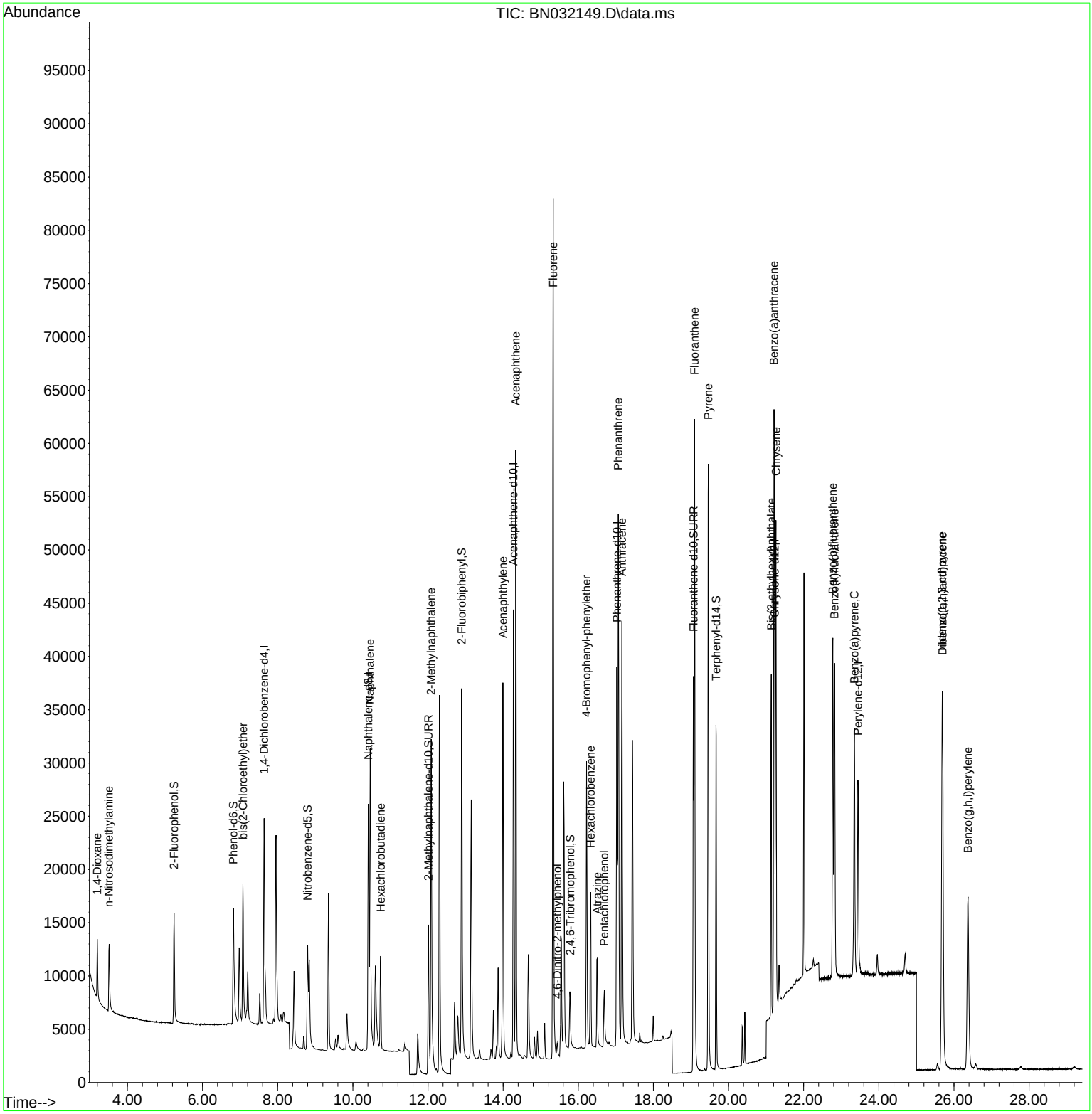
(#) = qualifier out of range (m) = manual integration (+) = signals summed

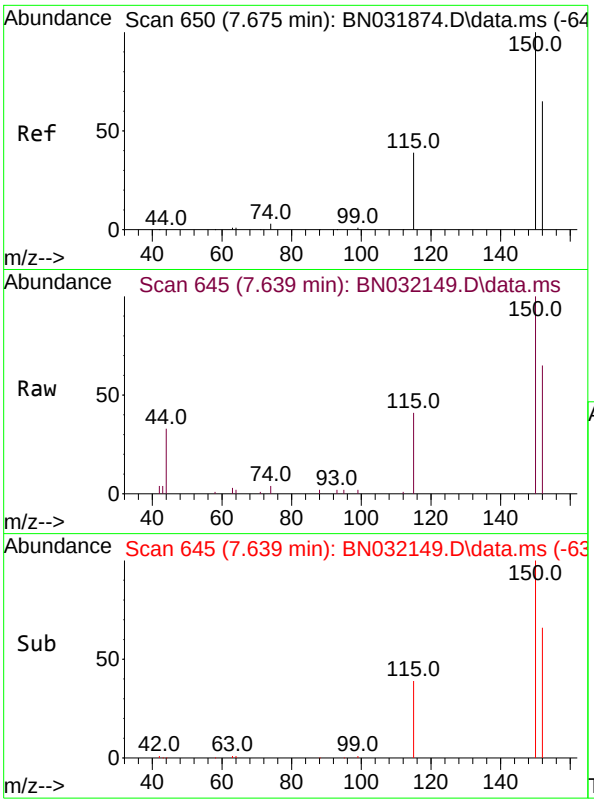
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032149.D
Acq On : 22 Jun 2024 02:33
Operator : MA/JU
Sample : PB161510BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Quant Time: Jun 22 03:22:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



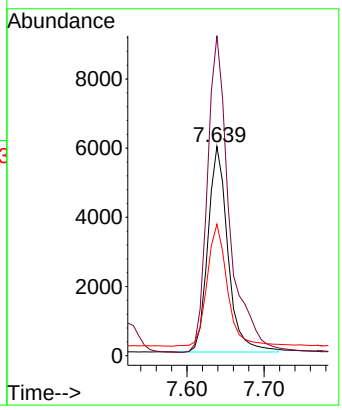


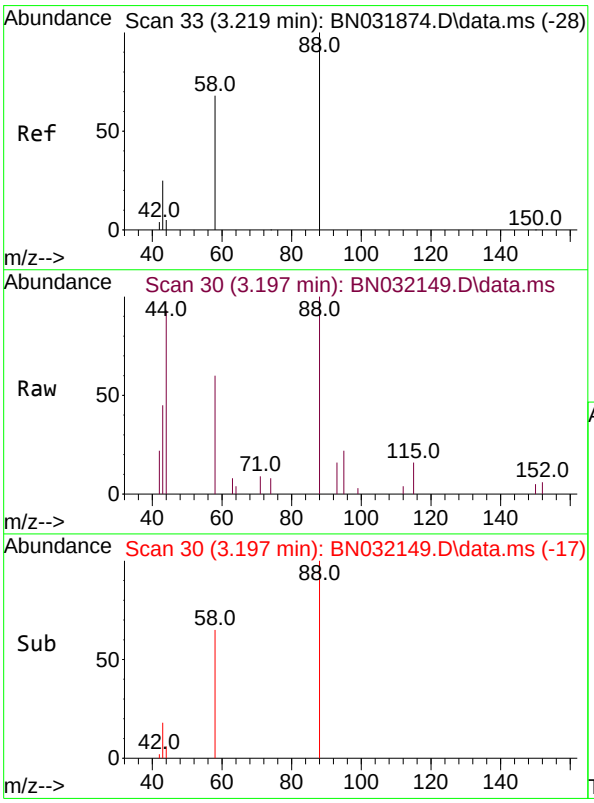
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:152 Resp: 10672

Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.0	181.4
115	62.9	49.4	74.0

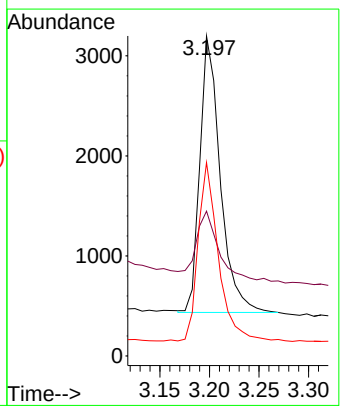


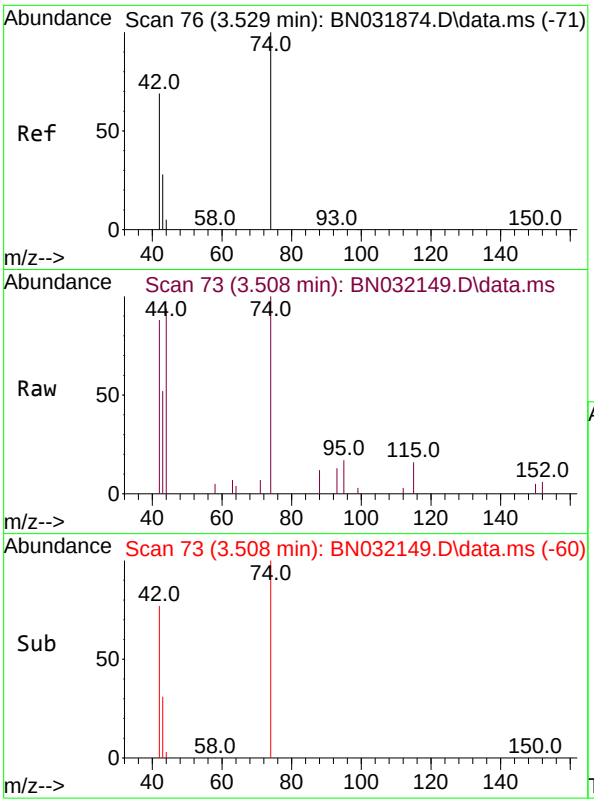


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion: 88 Resp: 3961

Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.7	34.1
58	63.7	51.3	76.9



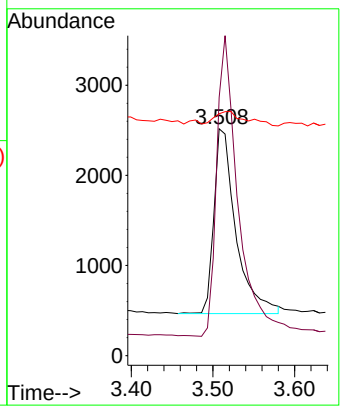


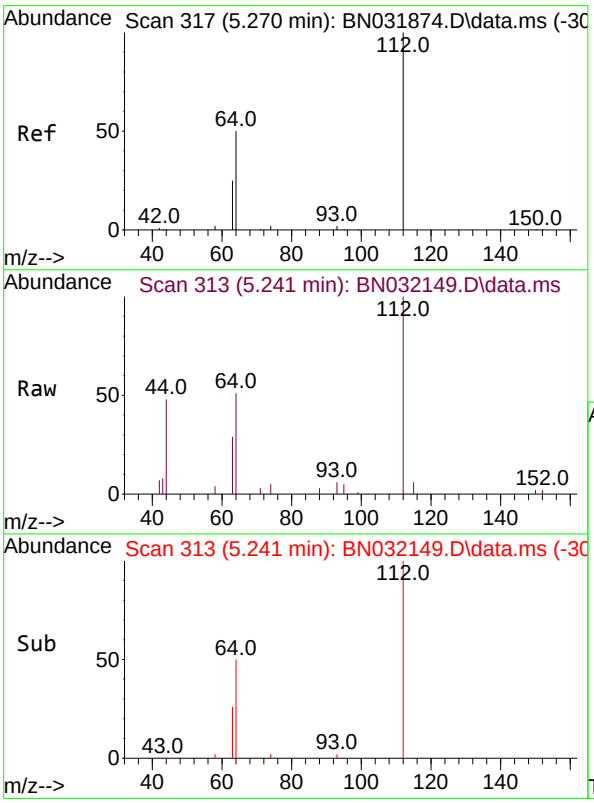
#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.508 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion: 42 Resp: 3829

Ion	Ratio	Lower	Upper
42	100		
74	157.1	125.2	187.8
44	10.9	6.9	10.3#

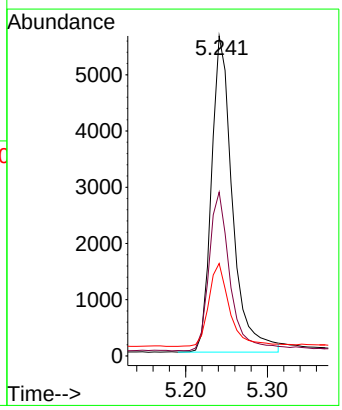


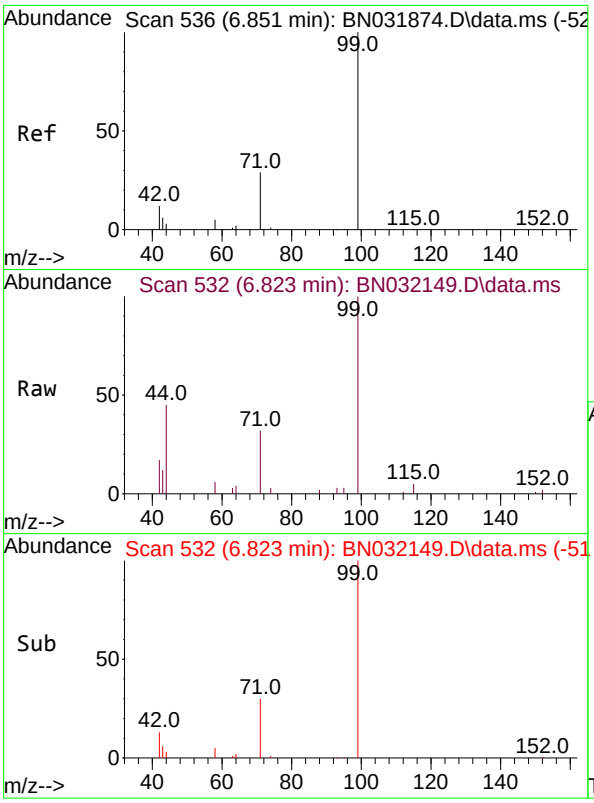


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:112 Resp: 10075

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.4	63.6
63	26.1	22.1	33.1



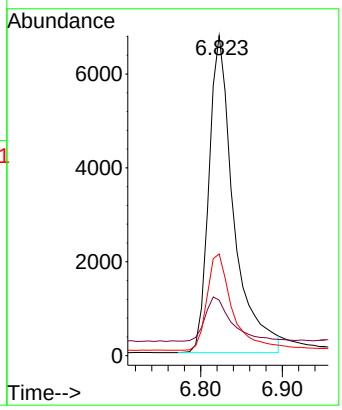


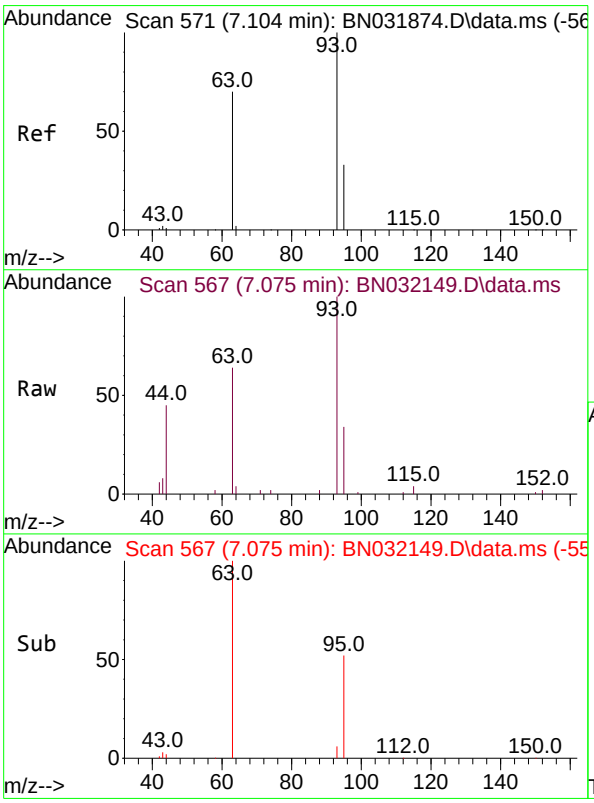
#5
Phenol-d6
Concen: 0.359 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion: 99 Resp: 14286

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	31.1	25.4	38.2

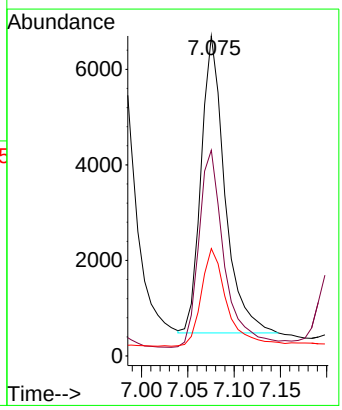


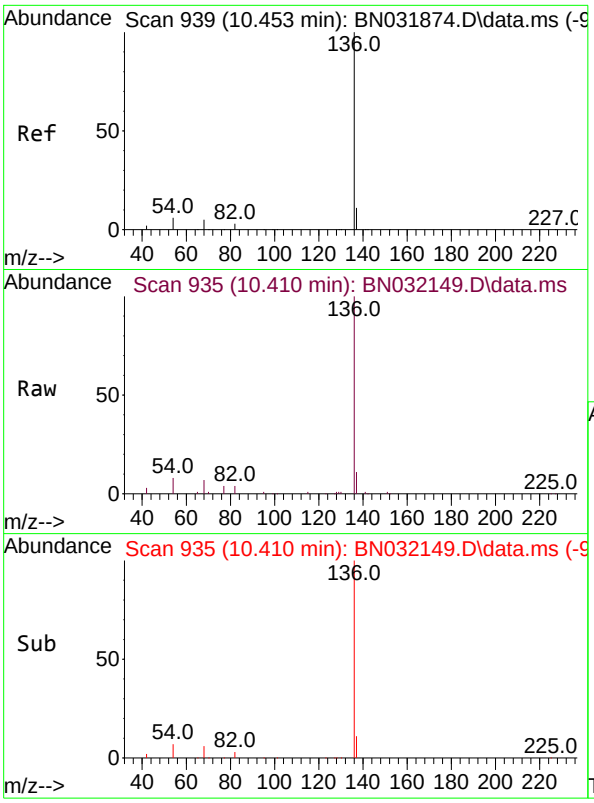


#6
bis(2-Chloroethyl)ether
Concen: 0.324 ng
RT: 7.075 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion: 93 Resp: 11101

Ion	Ratio	Lower	Upper
93	100		
63	71.5	56.2	84.2
95	35.4	26.4	39.6



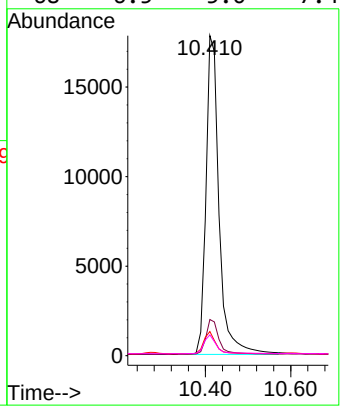


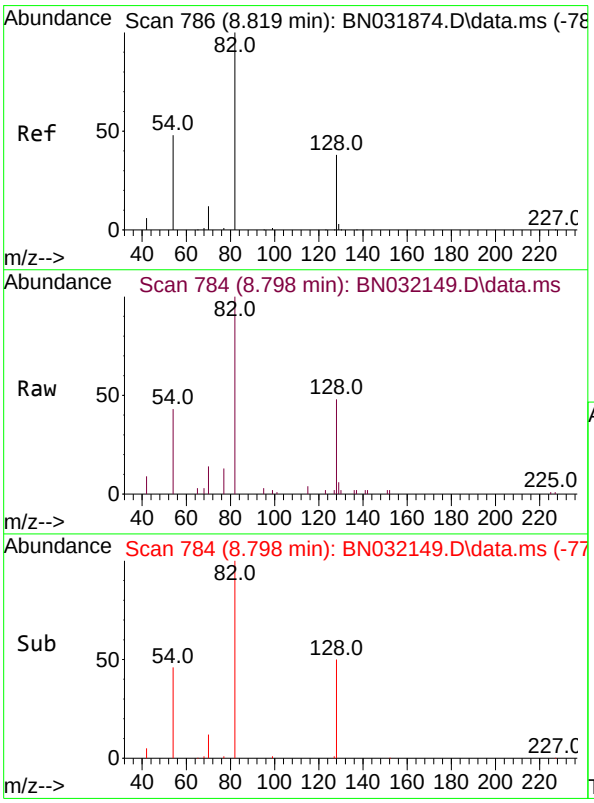
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:136 Resp: 37753

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.6	5.6	8.4
68	6.5	5.0	7.4

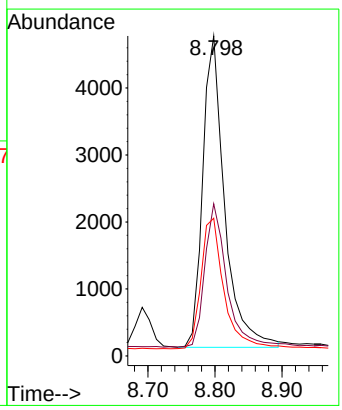


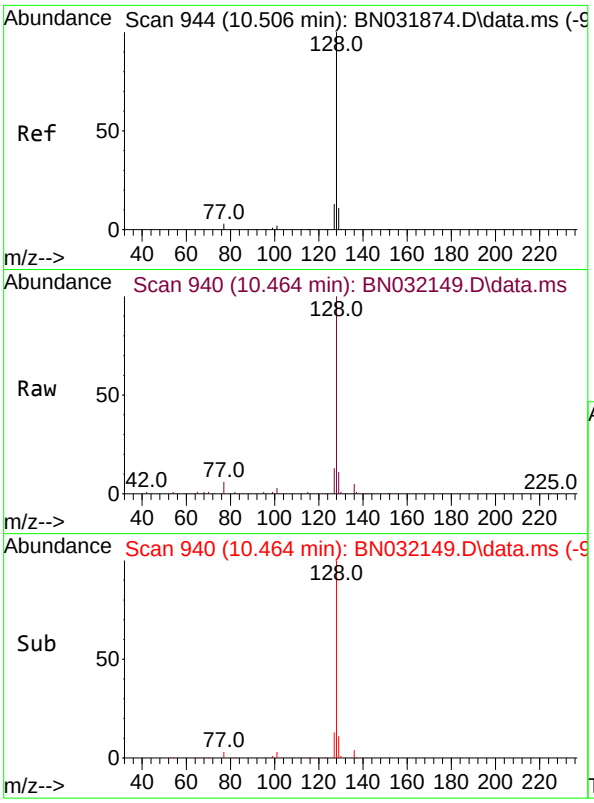


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion: 82 Resp: 10528

Ion	Ratio	Lower	Upper
82	100		
128	47.6	32.1	48.1
54	43.0	39.7	59.5



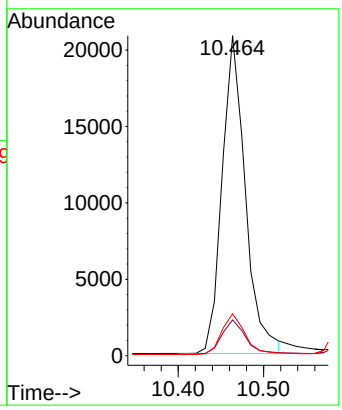


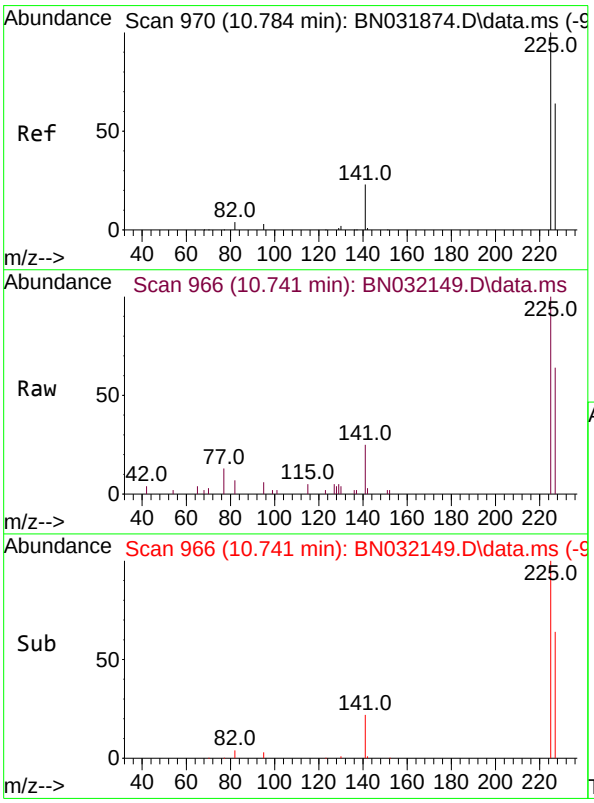
#9
Naphthalene
Concen: 0.387 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:128 Resp: 39334

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	10.5	15.7

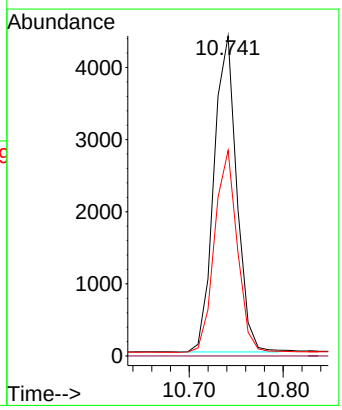


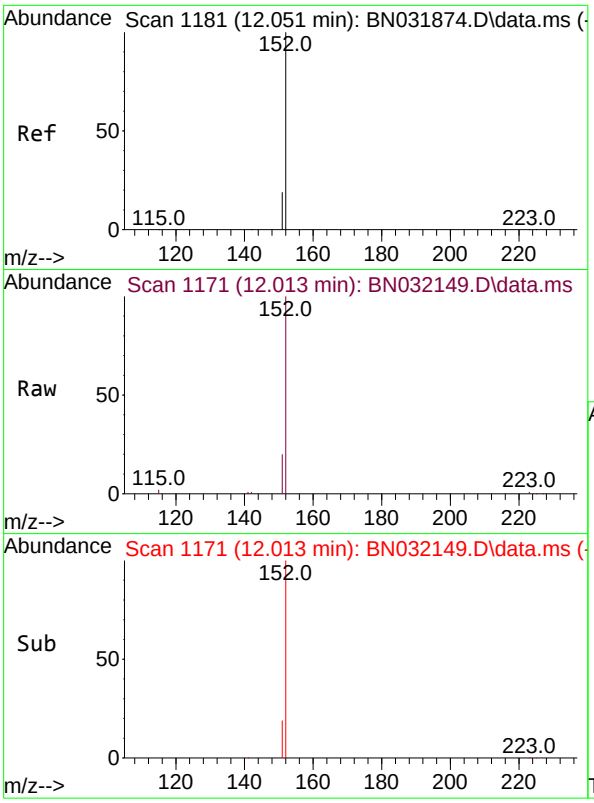


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.741 min Scan# 966
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:225 Resp: 7400

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.6	75.8



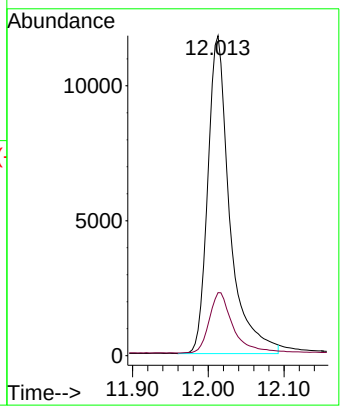


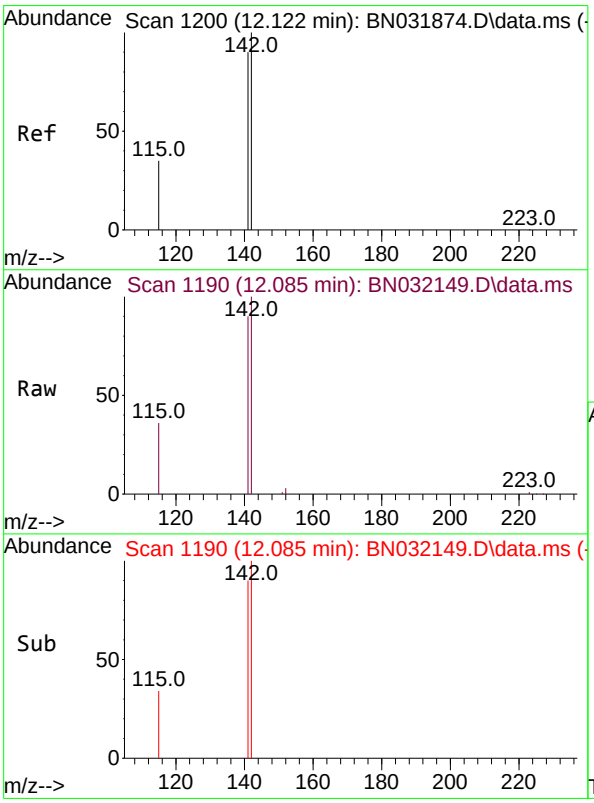
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.013 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:152 Resp: 23688

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5

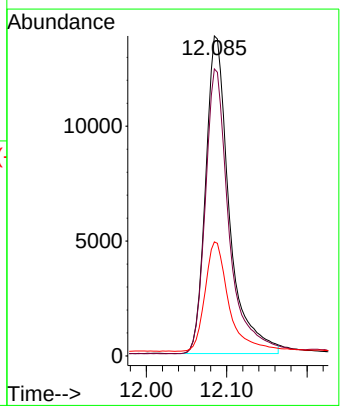


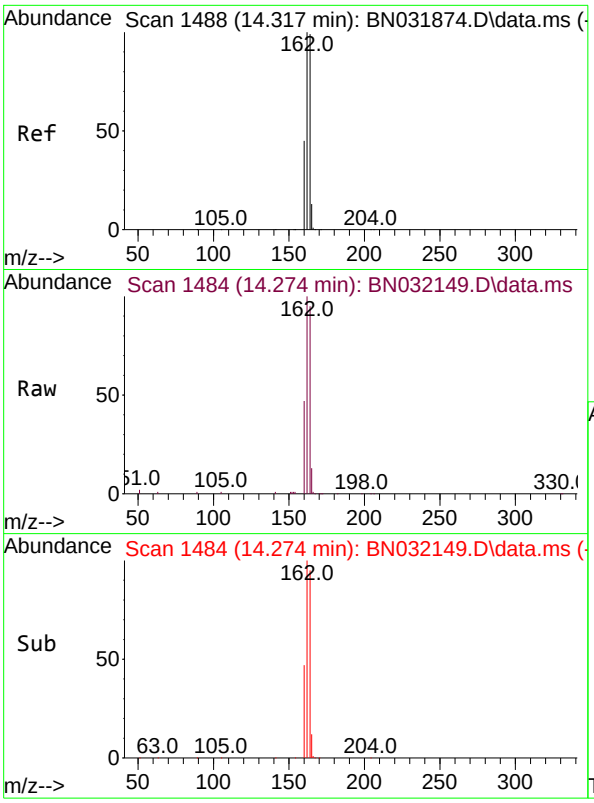


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.085 min Scan# 1190
Delta R.T. -0.008 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:142 Resp: 28253

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2
115	35.6	28.6	43.0



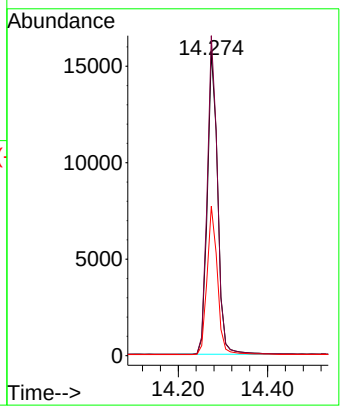


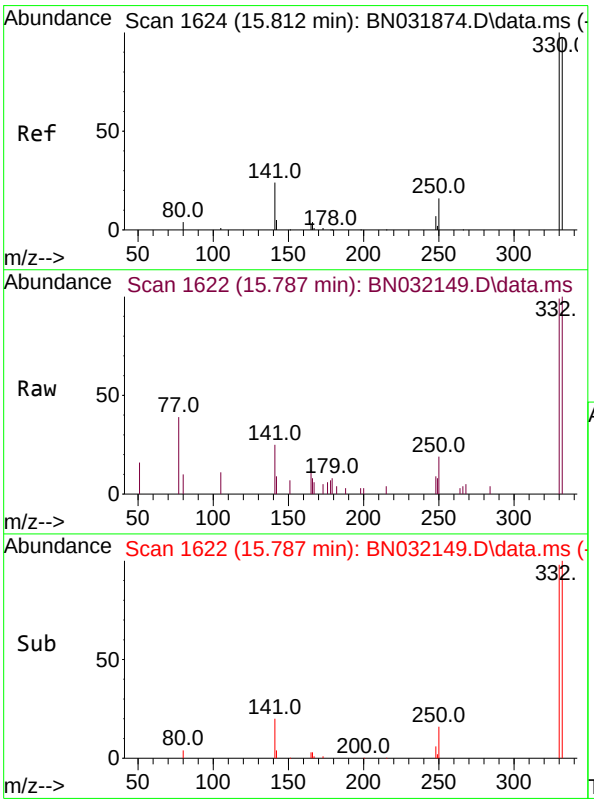
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:164 Resp: 25057

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.7	121.1
160	49.1	36.2	54.4

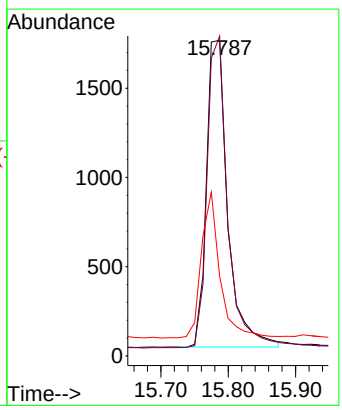


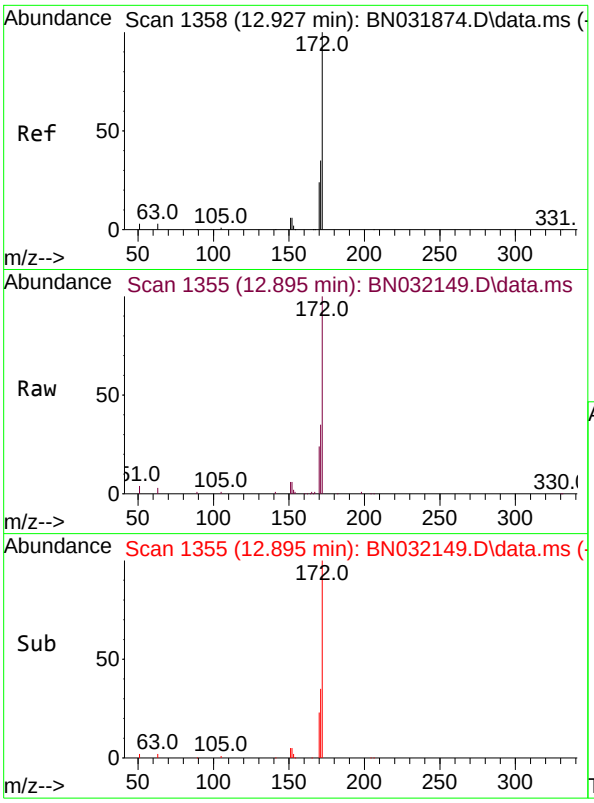


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:330 Resp: 3789

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.5	116.3
141	41.5	34.7	52.1



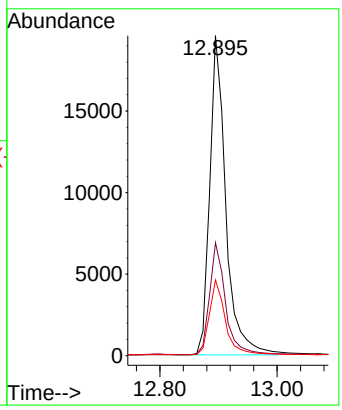


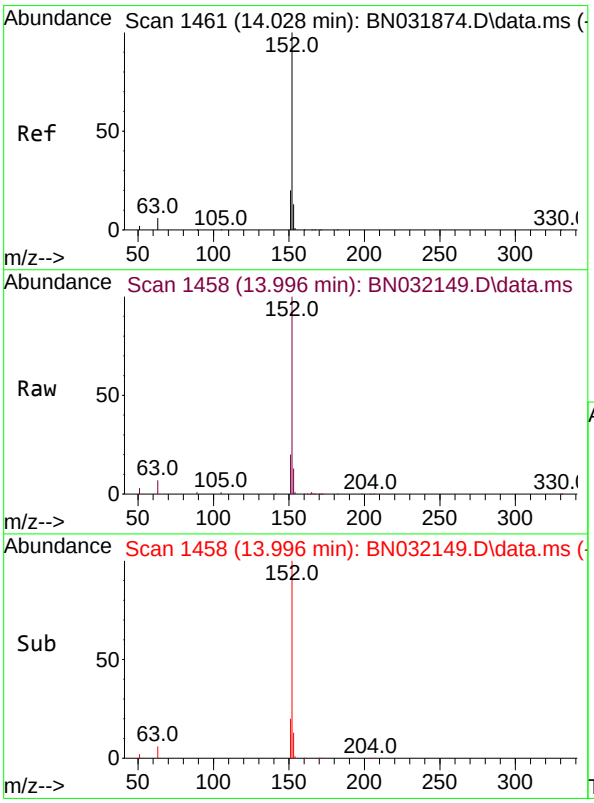
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:172 Resp: 37167

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.6	19.2	28.8

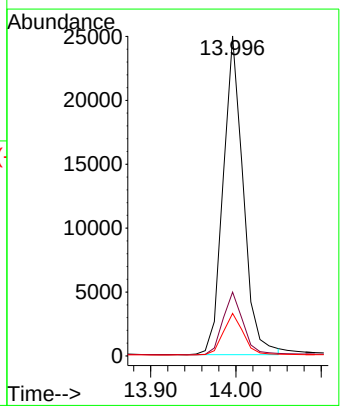


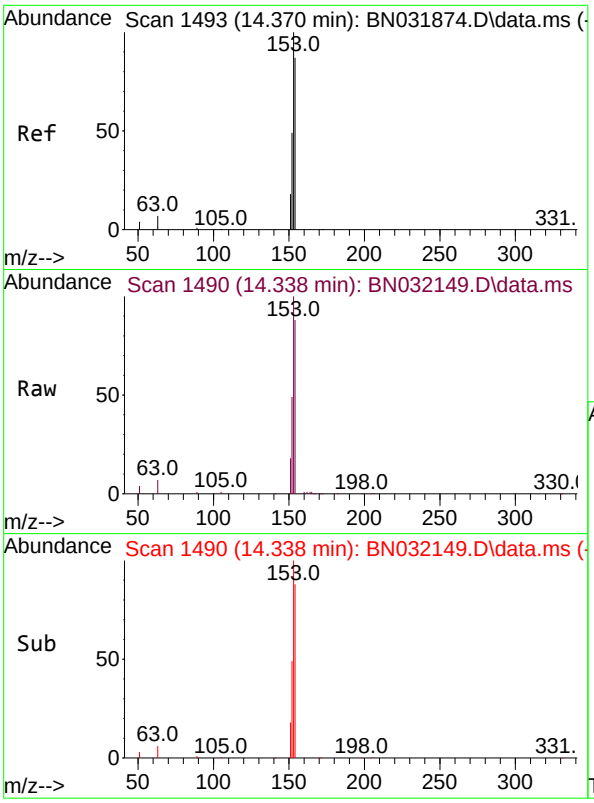


#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.996 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:152 Resp: 40844

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7



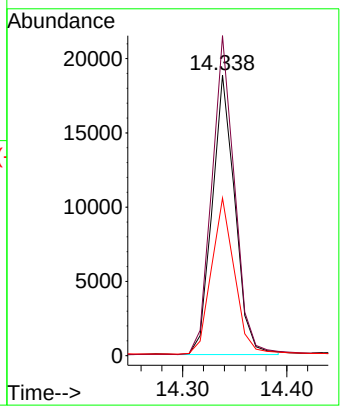


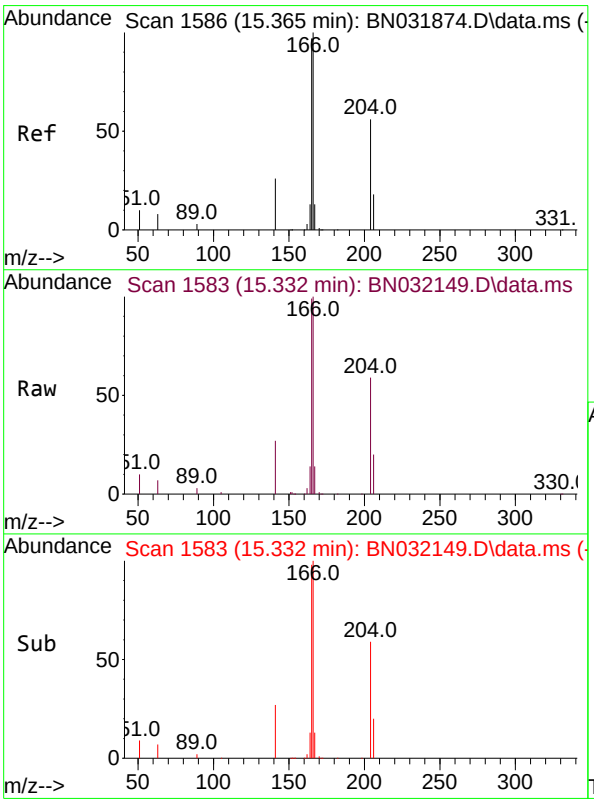
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:154 Resp: 28529

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.8	136.2
152	56.2	44.3	66.5

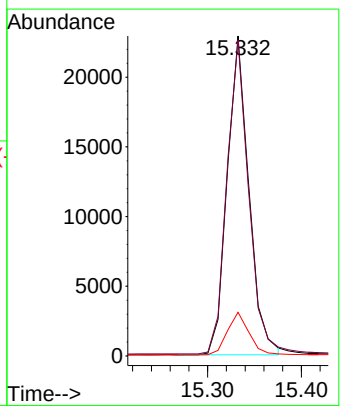


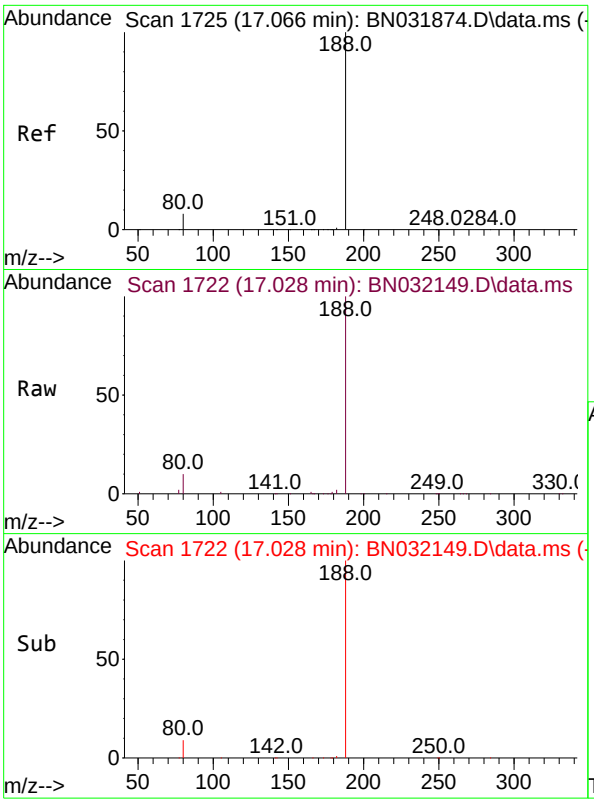


#18
Fluorene
Concen: 0.370 ng
RT: 15.332 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:166 Resp: 36708

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.3	117.5
167	13.3	10.7	16.1



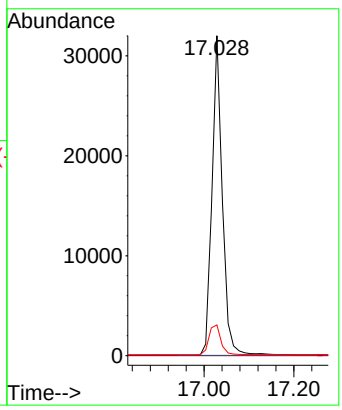


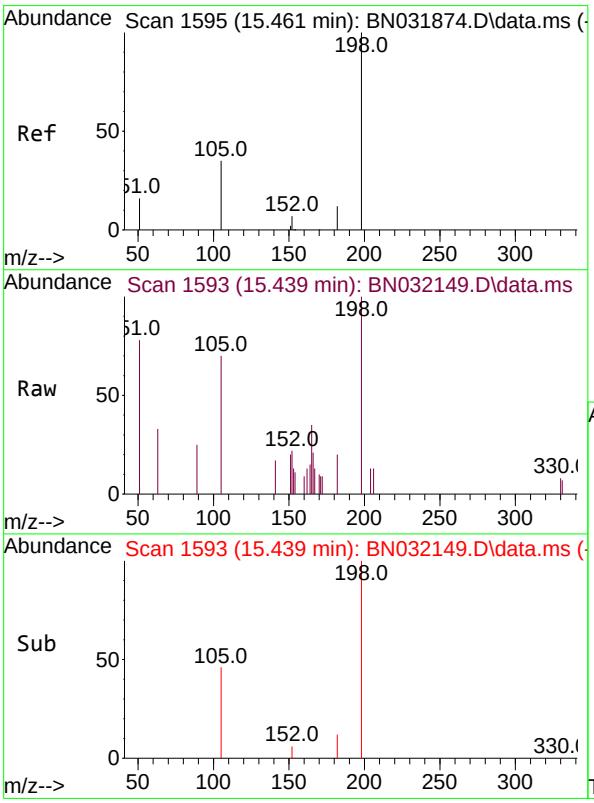
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:188 Resp: 50736

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	6.4	9.6

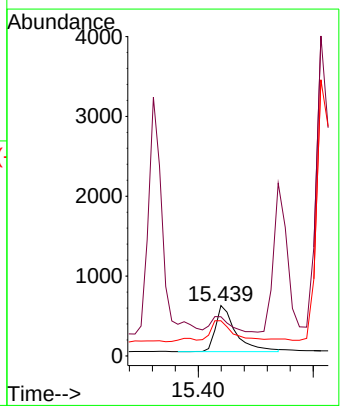


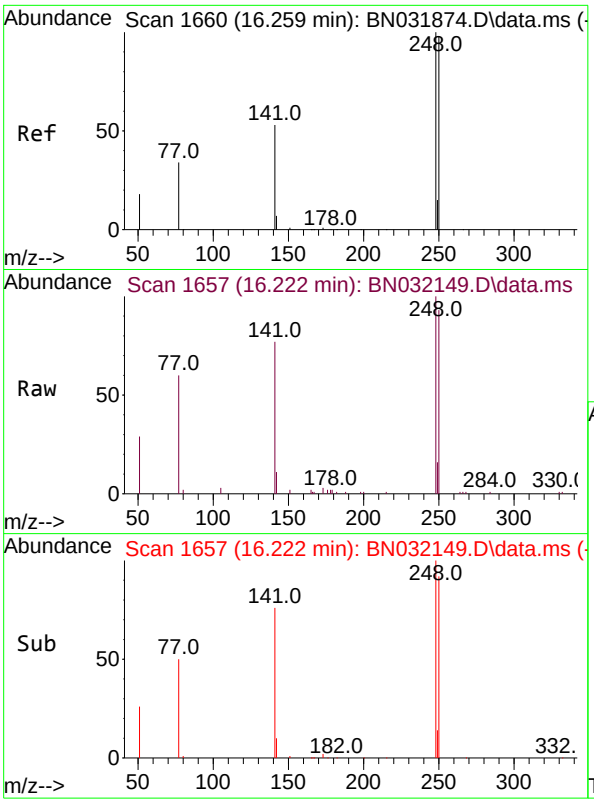


#20
4,6-Dinitro-2-methylphenol
Concen: 0.309 ng
RT: 15.439 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:198 Resp: 1438

Ion	Ratio	Lower	Upper
198	100		
51	77.8	42.7	64.1#
105	70.0	41.8	62.8#



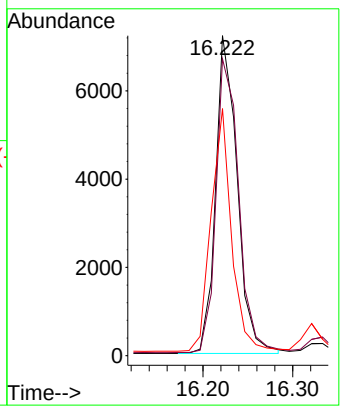


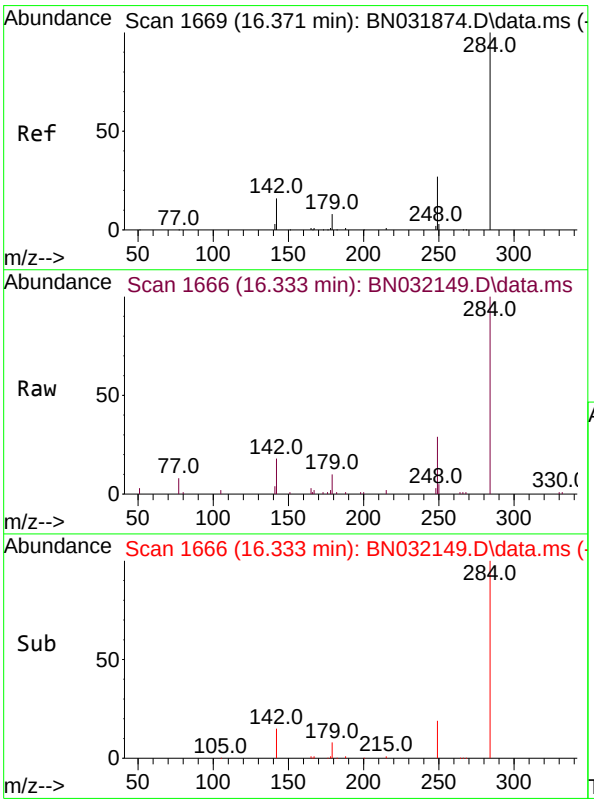
#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.222 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:248 Resp: 12060

Ion	Ratio	Lower	Upper
248	100		
250	92.7	78.5	117.7
141	77.2	43.1	64.7#

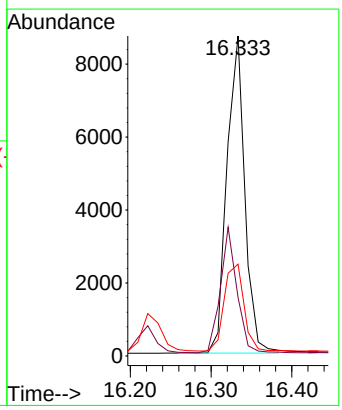


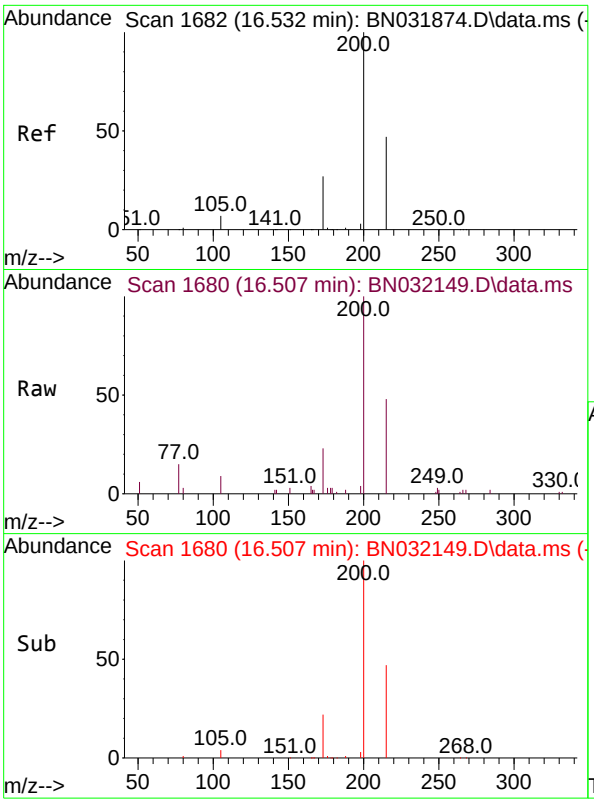


#22
Hexachlorobenzene
Concen: 0.448 ng
RT: 16.333 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:284 Resp: 13355

Ion	Ratio	Lower	Upper
284	100		
142	36.7	30.7	46.1
249	30.2	25.0	37.4



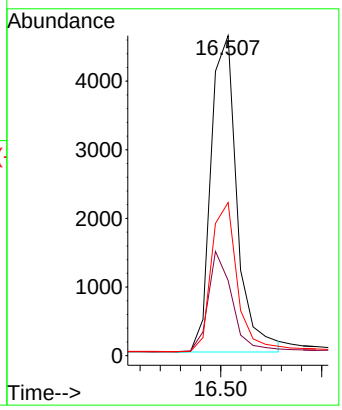


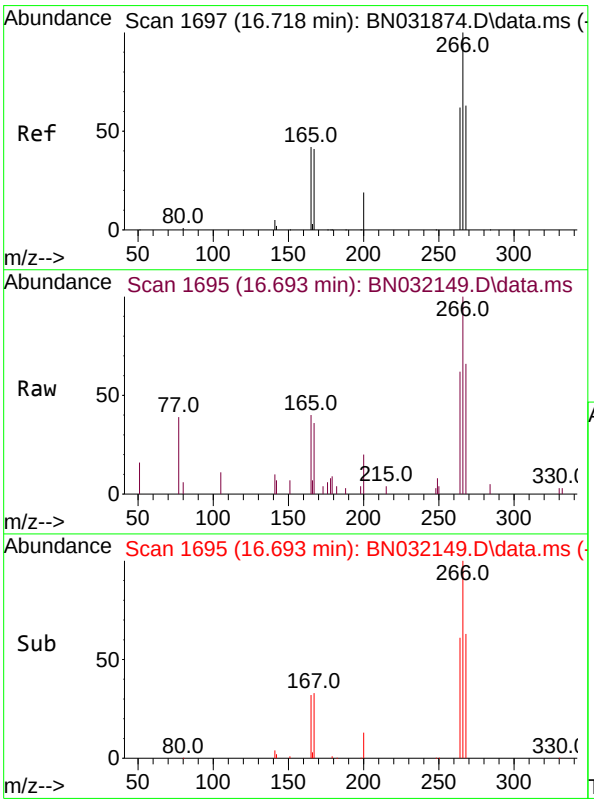
#23
Atrazine
Concen: 0.314 ng
RT: 16.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:200 Resp: 8283

Ion	Ratio	Lower	Upper
200	100		
173	23.5	22.0	33.0
215	47.9	37.9	56.9

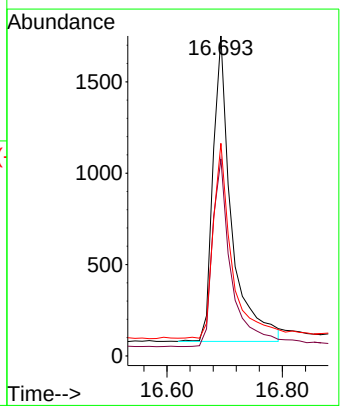


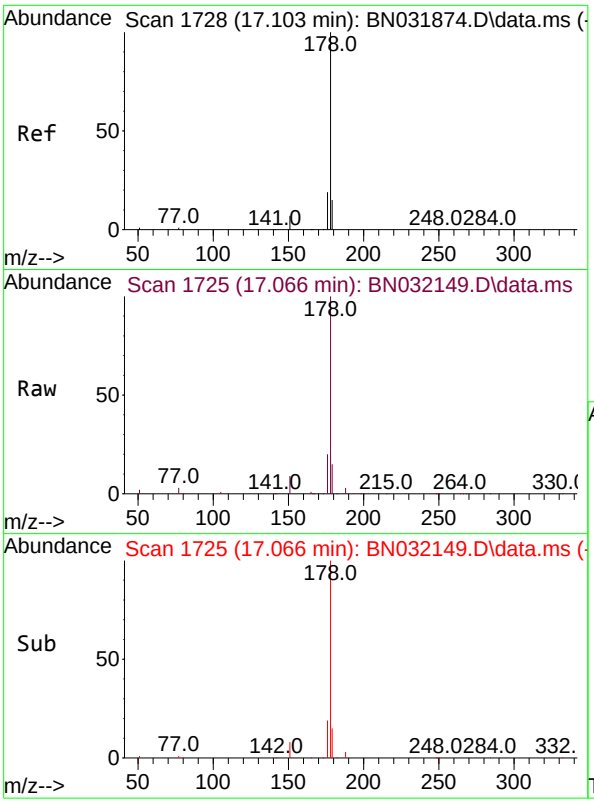


#24
Pentachlorophenol
Concen: 0.366 ng
RT: 16.693 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:266 Resp: 3713

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	63.5	51.0	76.6



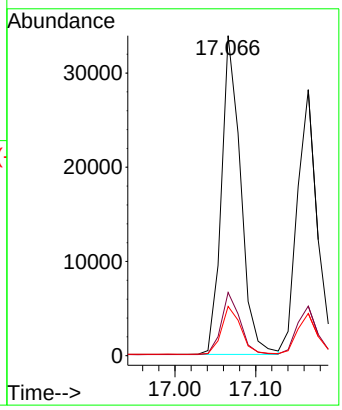


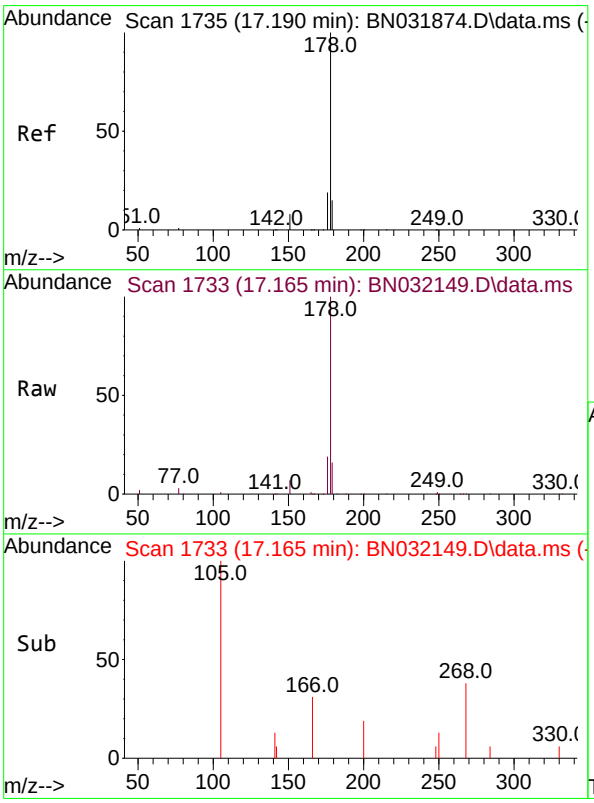
#25
Phenanthrene
Concen: 0.398 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:178 Resp: 56020

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

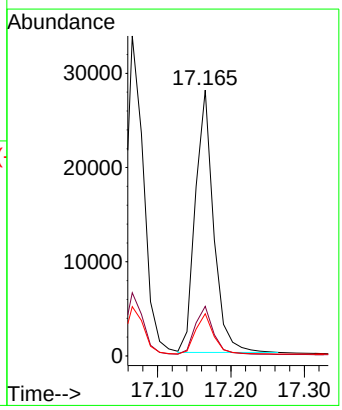


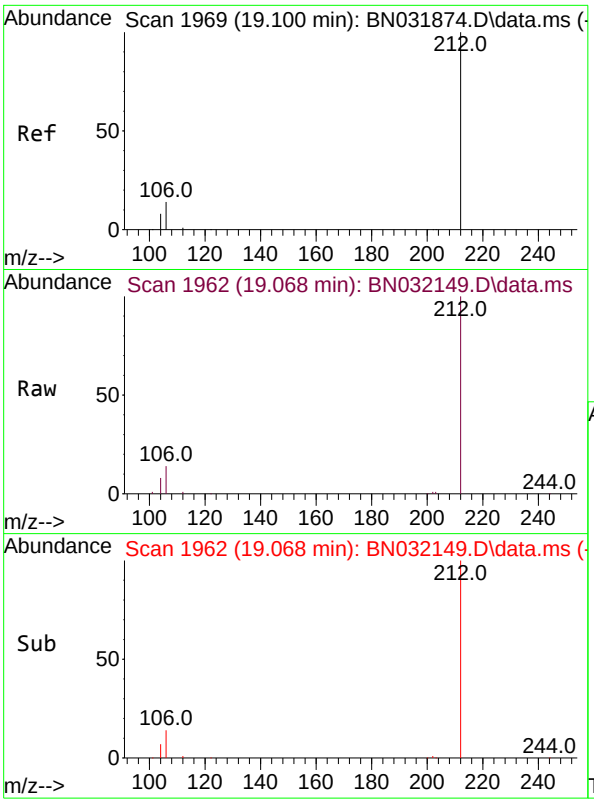


#26
Anthracene
Concen: 0.368 ng
RT: 17.165 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:178 Resp: 48113

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.2	18.2



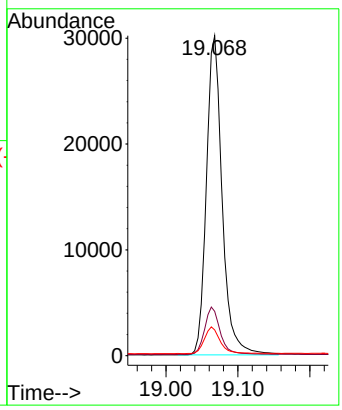


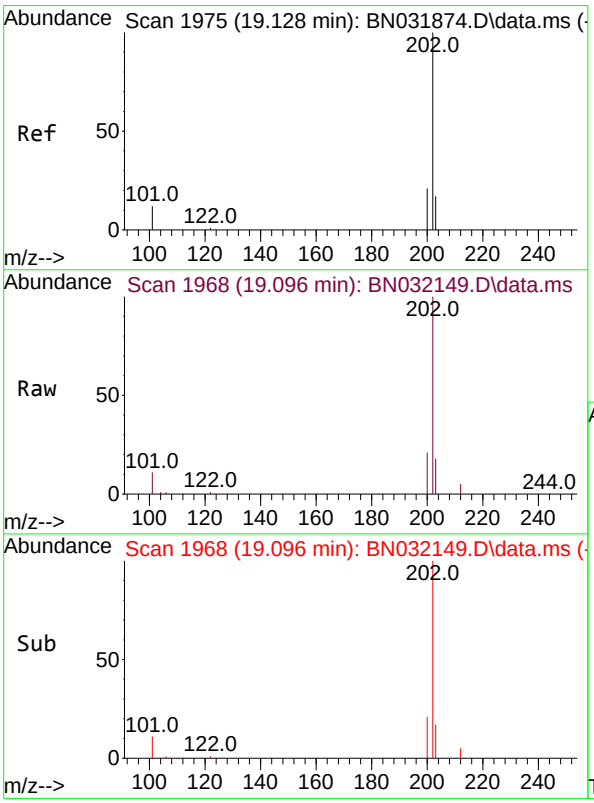
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:212 Resp: 45798

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.8	17.8
104	8.3	6.6	10.0

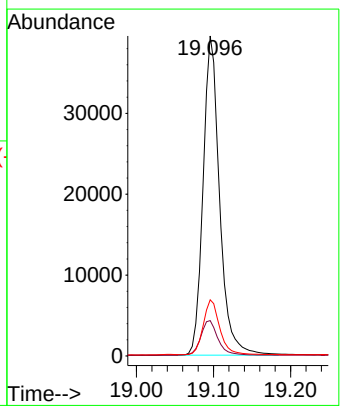


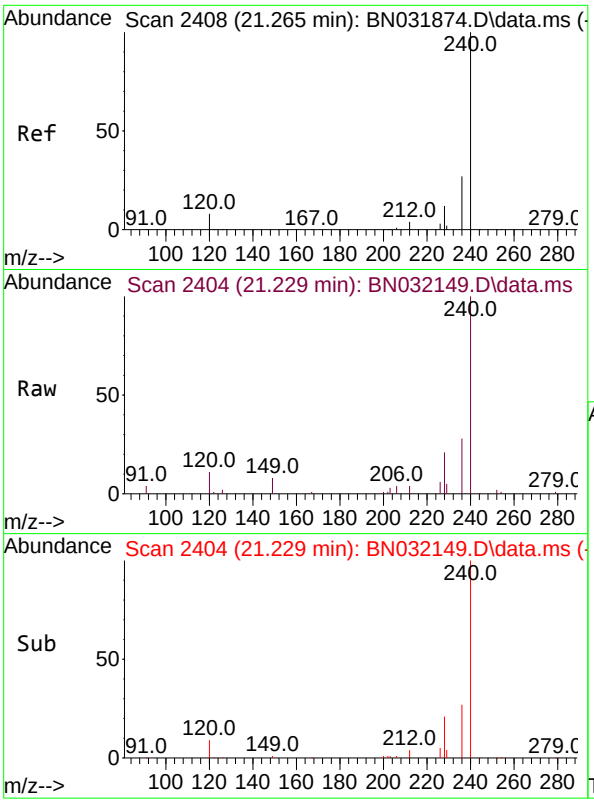


#28
Fluoranthene
Concen: 0.344 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:202 Resp: 58776

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
203	17.1	13.7	20.5



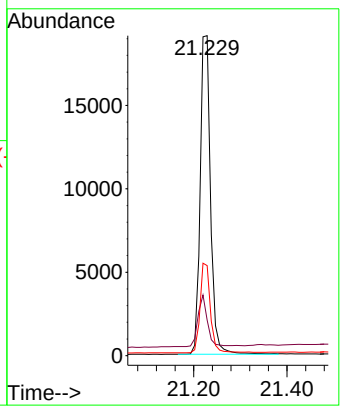


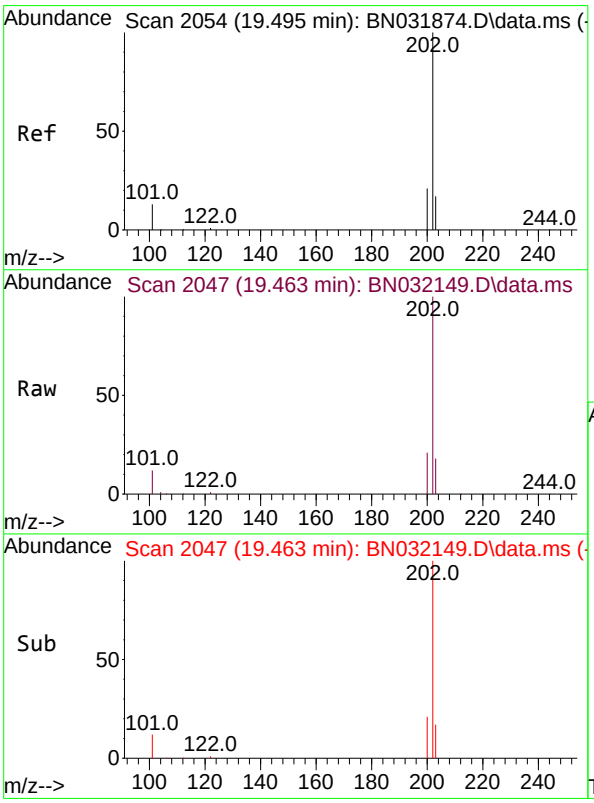
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:240 Resp: 29690

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.2	12.4
236	28.1	21.8	32.8

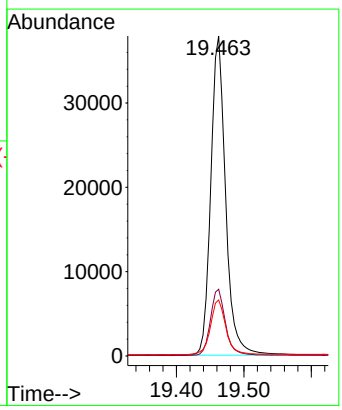


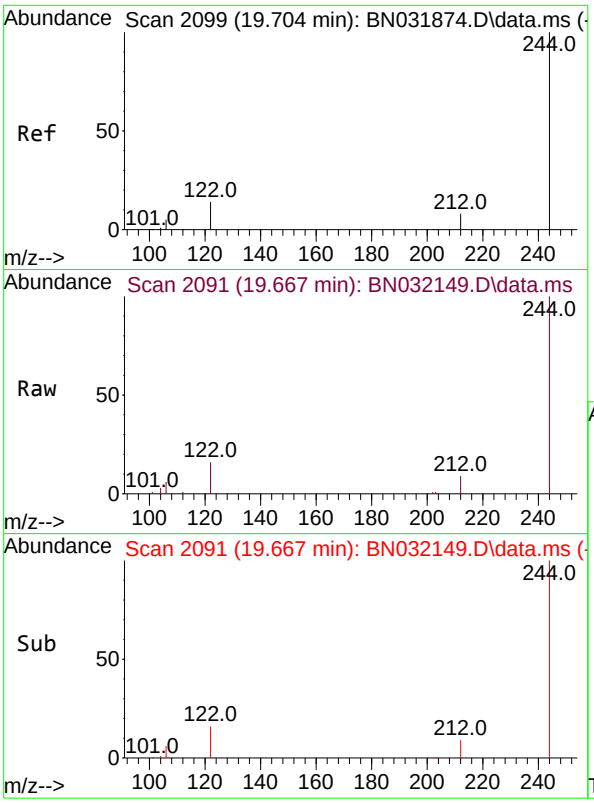


#30
Pyrene
Concen: 0.490 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:202 Resp: 57811

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.9	14.3	21.5



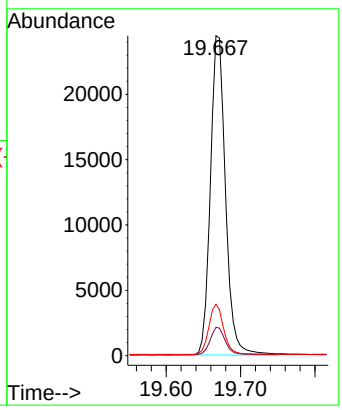


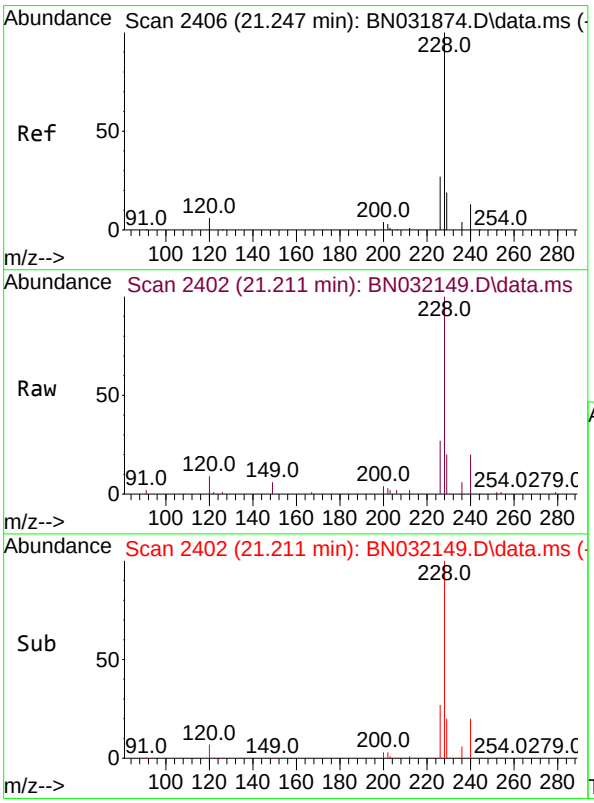
#31
Terphenyl-d14
Concen: 0.474 ng
RT: 19.667 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:244 Resp: 34416

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	16.0	11.4	17.0

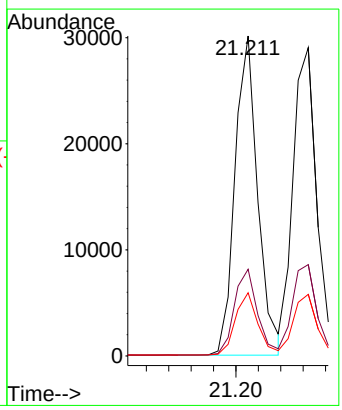


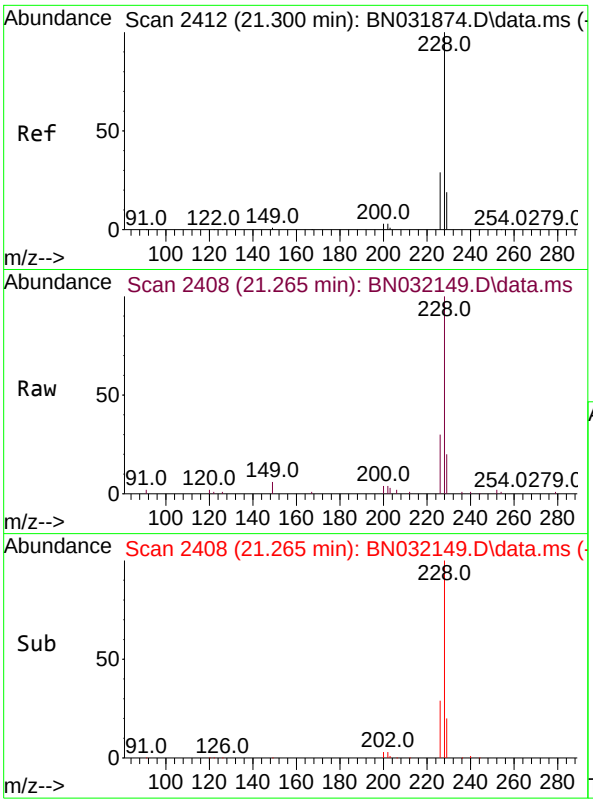


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:228 Resp: 42543

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.8	15.8	23.8



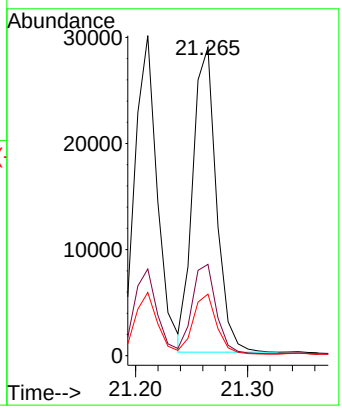


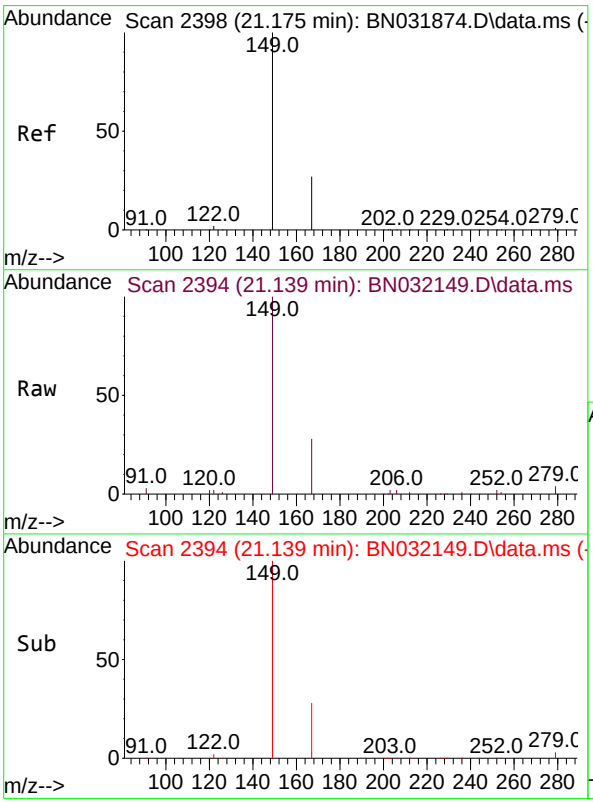
#33
Chrysene
Concen: 0.398 ng
RT: 21.265 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:228 Resp: 42096

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.6	35.4
229	20.0	15.8	23.6

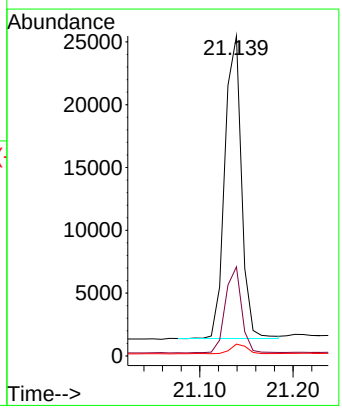


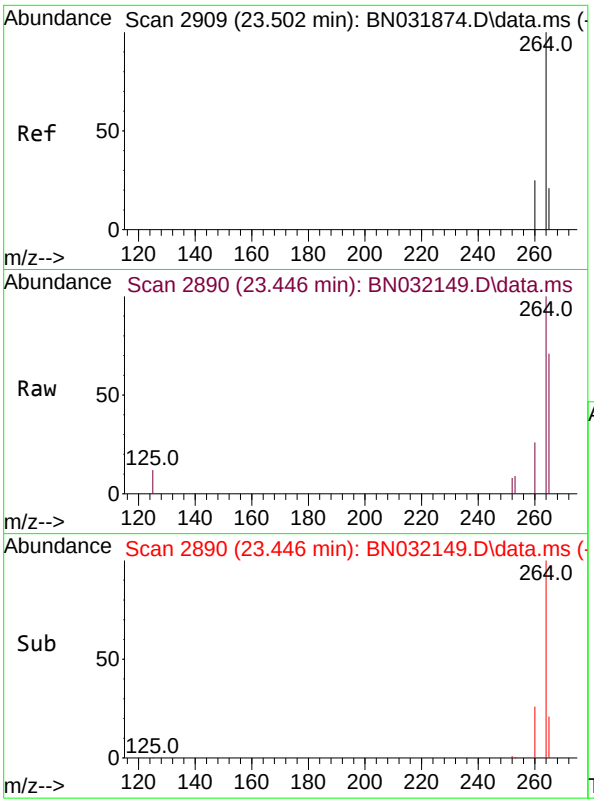


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:149 Resp: 29763

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	3.4	2.9	4.3



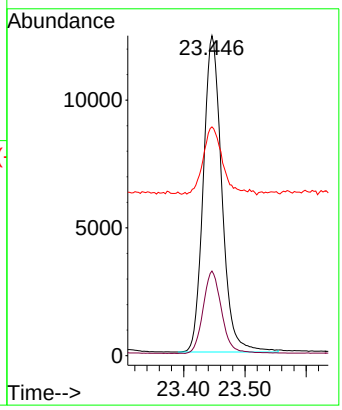


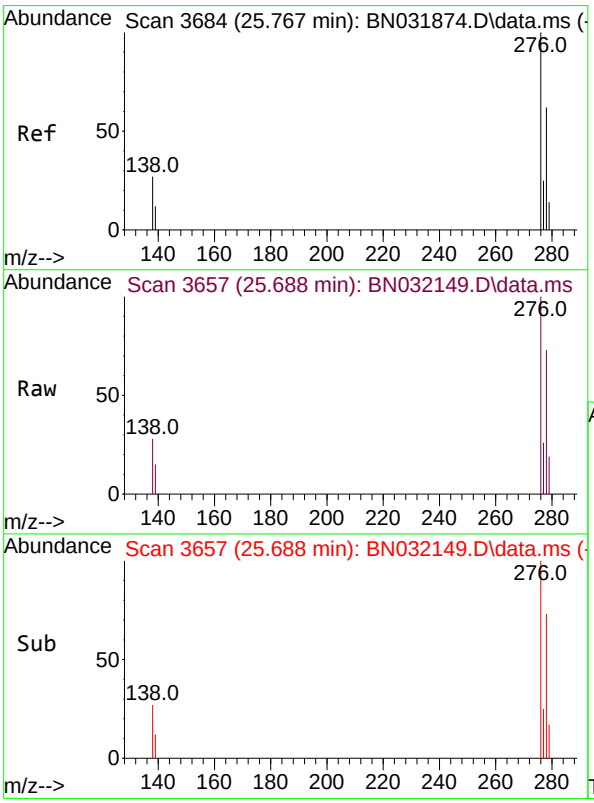
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.446 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:264 Resp: 26043

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	71.5	39.6	59.4#

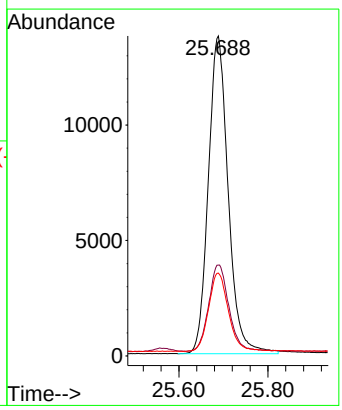


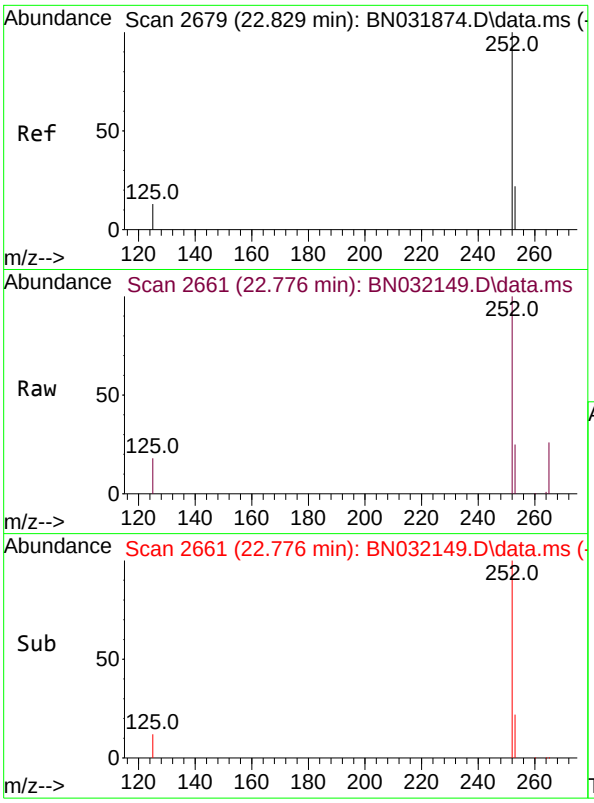


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng
RT: 25.688 min Scan# 3657
Delta R.T. -0.006 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:276 Resp: 42644

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.5	32.3
277	24.8	19.8	29.8



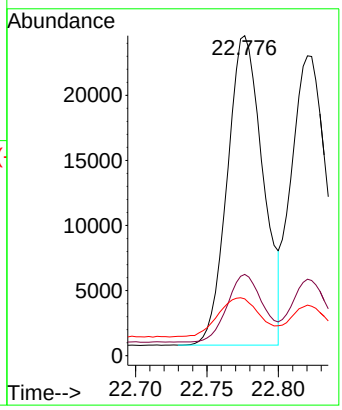


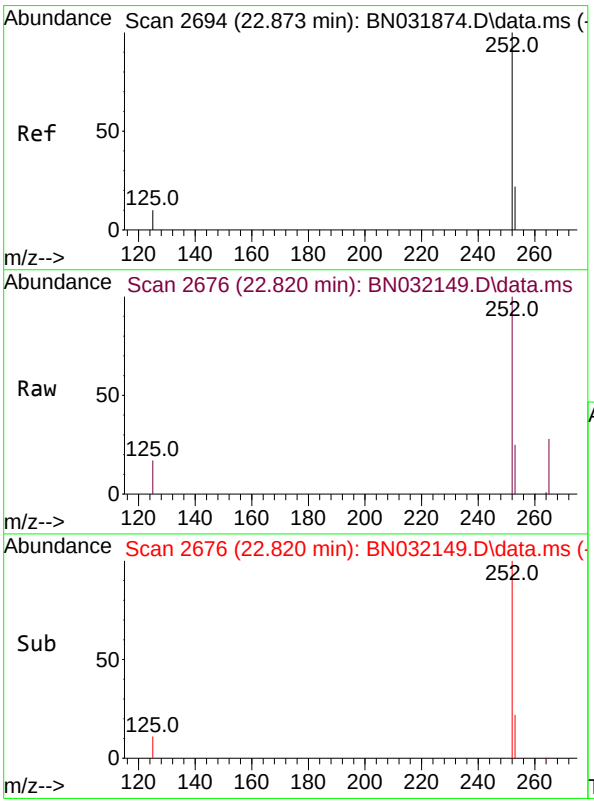
#37
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 22.776 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:252 Resp: 41325

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.2	30.2
125	17.8	14.2	21.4

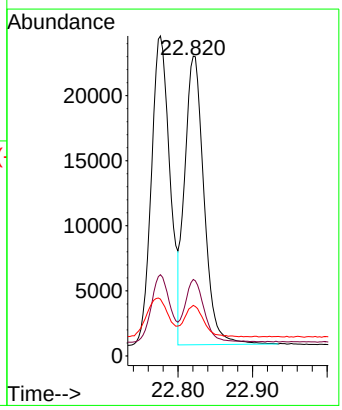


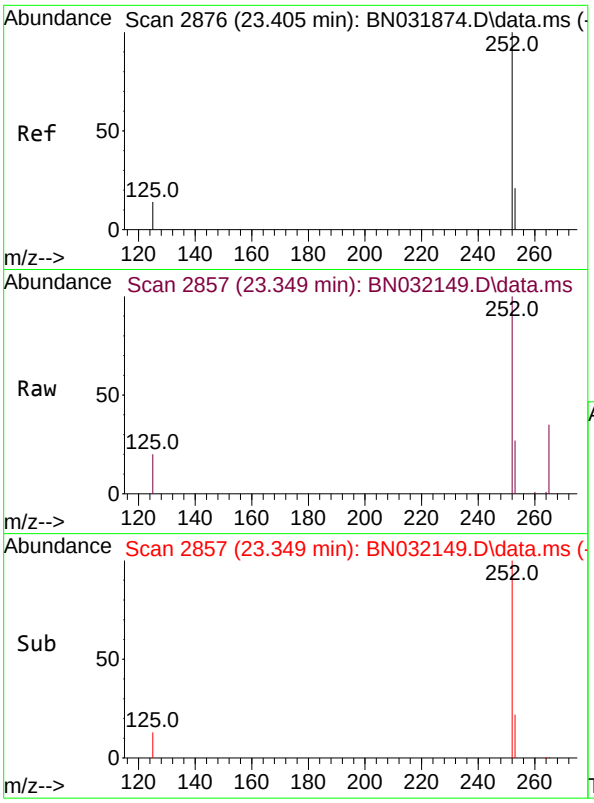


#38
Benzo(k)fluoranthene
Concen: 0.445 ng
RT: 22.820 min Scan# 2676
Delta R.T. -0.009 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:252 Resp: 39971

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.9	29.9
125	16.9	13.0	19.4



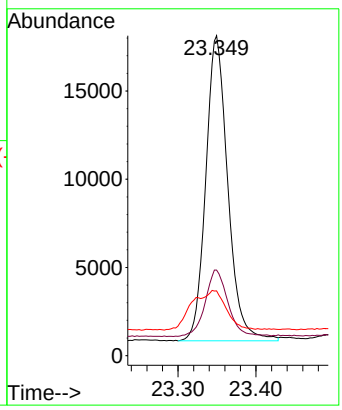


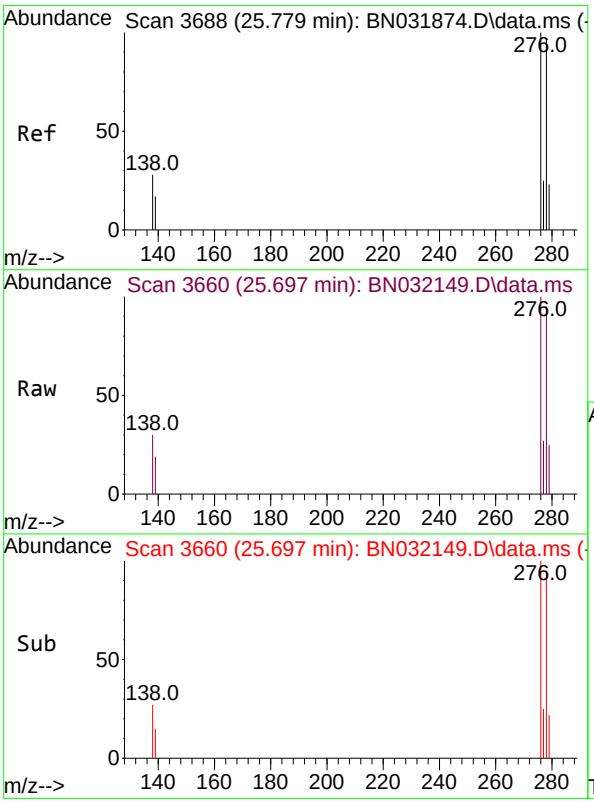
#39
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.349 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:252 Resp: 33913

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.5	30.7
125	20.2	16.4	24.6

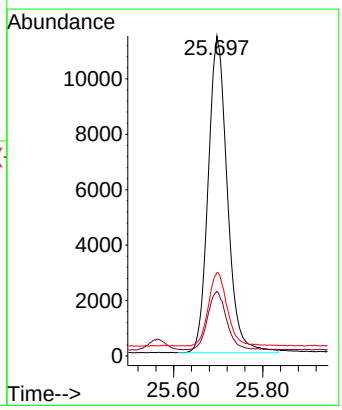


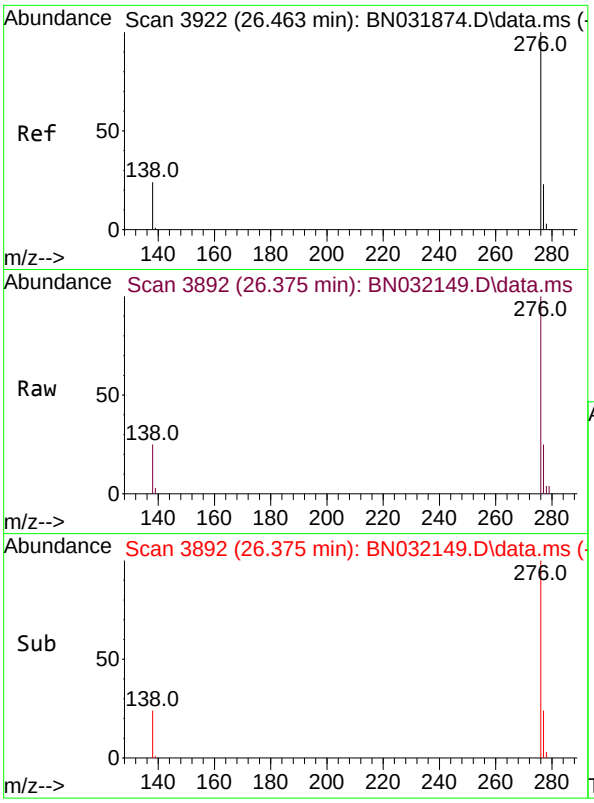


#40
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 25.697 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Tgt Ion:278 Resp: 34052

Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.0	25.4
279	26.0	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.439 ng
RT: 26.375 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN032149.D
Acq: 22 Jun 2024 02:33

Instrument :
BNA_N
ClientSampleId :
PB161510BSD

Tgt Ion:276 Resp: 36117

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	25.4	20.6	31.0