Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
Data File : BN032609.D
Acq On : 10 Jul 2024 09:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 10 11:14:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	4851	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	14810	0.400	ng		-0.01
13) Acenaphthene-d10	14.231	164	9946	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	19848	0.400	ng		0.00
29) Chrysene-d12	21.211	240	14661	0.400	ng		0.00
35) Perylene-d12	23.426	264	15141	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	4359	0.356	ng		0.00
5) Phenol-d6	6.801	99	5201	0.332	ng		-0.02
8) Nitrobenzene-d5	8.788	82	3742	0.338	ng		-0.01
11) 2-Methylnaphthalene-d10	11.983	152	8802	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1281	0.284	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	13563	0.370	ng		0.00
27) Fluoranthene-d10	19.040	212	17687	0.342	ng		0.00
31) Terphenyl-d14	19.644	244	13303	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2499	0.391	ng		97
3) n-Nitrosodimethylamine	3.486	42	1774	0.383	ng	#	98
6) bis(2-Chloroethyl)ether	7.032	93	4398	0.407	ng		98
9) Naphthalene	10.421	128	15621	0.386	ng		99
10) Hexachlorobutadiene	10.656	225	3061	0.380	ng	#	99
12) 2-Methylnaphthalene	12.058	142	10191	0.376	ng		100
16) Acenaphthylene	13.954	152	14274	0.333	ng		100
17) Acenaphthene	14.296	154	11043	0.371	ng		99
18) Fluorene	15.290	166	14098	0.361	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	509	0.362	ng		85
21) 4-Bromophenyl-phenylether	16.197	248	4574	0.388	ng		97
22) Hexachlorobenzene	16.284	284	5099	0.393	ng		98
23) Atrazine	16.483	200	2864	0.311	ng		98
24) Pentachlorophenol	16.681	266	1305	0.388	ng		98
25) Phenanthrene	17.041	178	19968	0.370	ng		100
26) Anthracene	17.140	178	14619	0.337	ng		99
28) Fluoranthene	19.073	202	22149	0.340	ng		100
30) Pyrene	19.435	202	22897	0.384	ng		100
32) Benzo(a)anthracene	21.202	228	15065	0.311	ng		100
33) Chrysene	21.247	228	24487	0.425	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	9744	0.296	ng		99
36) Indeno(1,2,3-cd)pyrene	25.668	276	23495	0.406	ng		99
37) Benzo(b)fluoranthene	22.762	252	18334	0.363	ng		99
38) Benzo(k)fluoranthene	22.806	252	23439	0.403	ng		100
39) Benzo(a)pyrene	23.338	252	17573	0.368	ng		100
40) Dibenzo(a,h)anthracene	25.677	278	18632	0.406	ng		97
41) Benzo(g,h,i)perylene	26.338	276	21561	0.431	ng		97

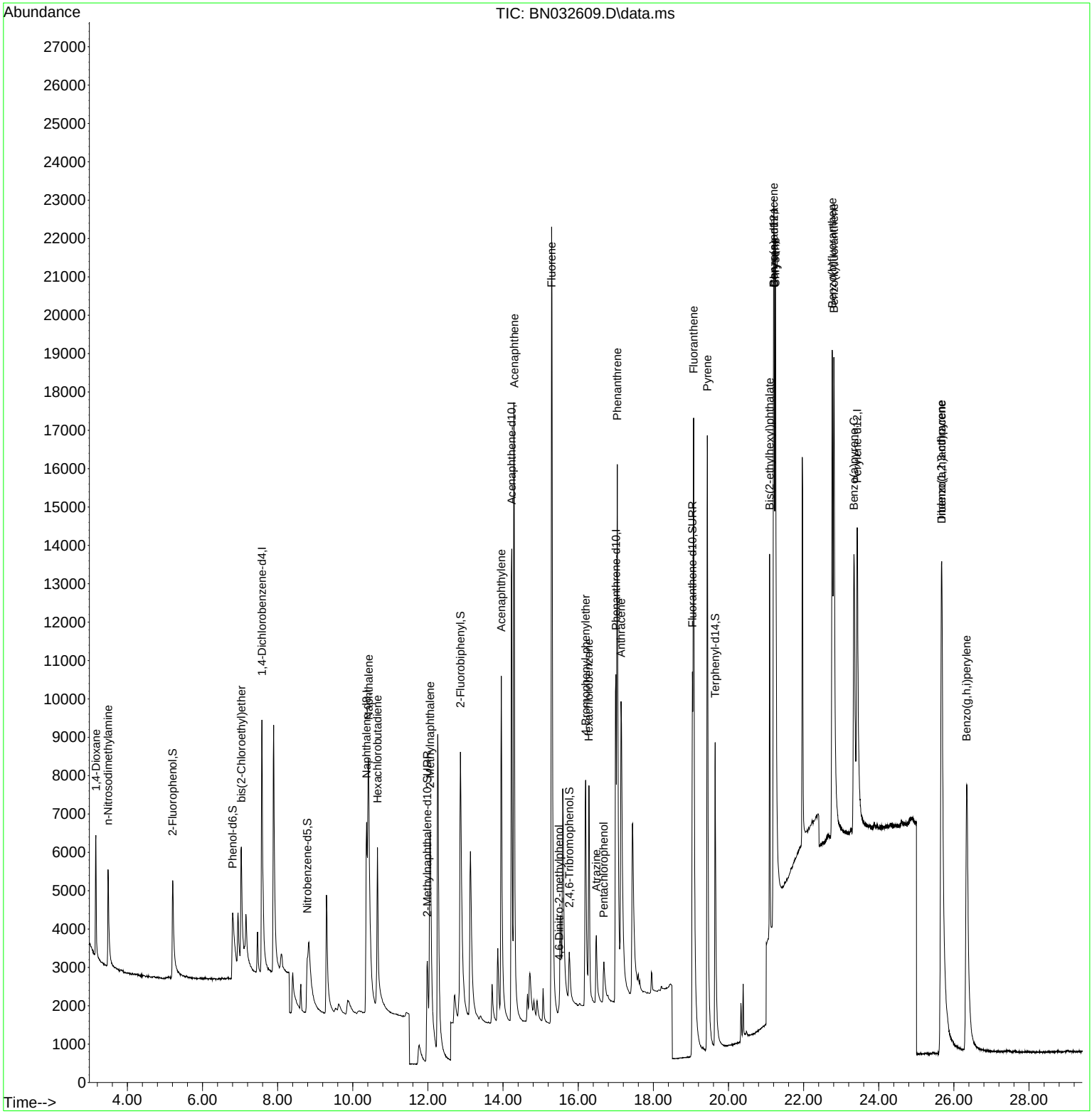
(#) = qualifier out of range (m) = manual integration (+) = signals summed

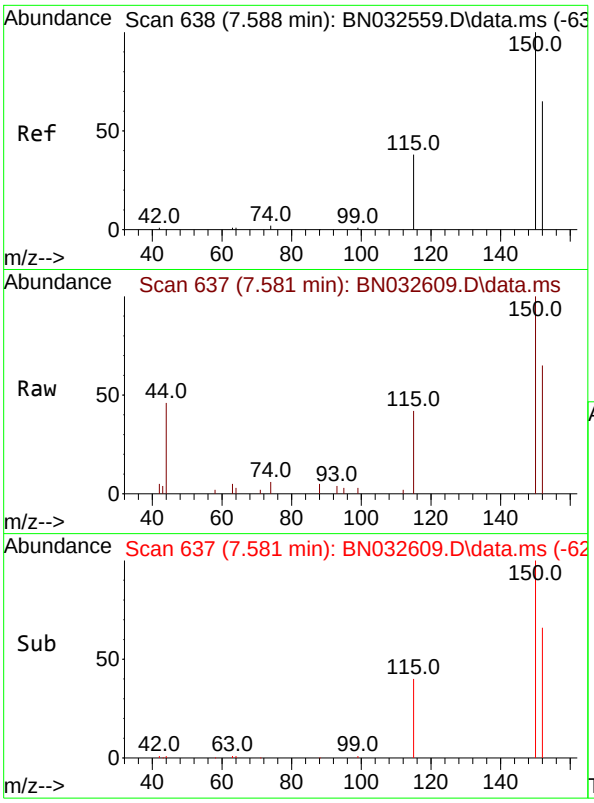
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
Data File : BN032609.D
Acq On : 10 Jul 2024 09:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 10 11:14:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration



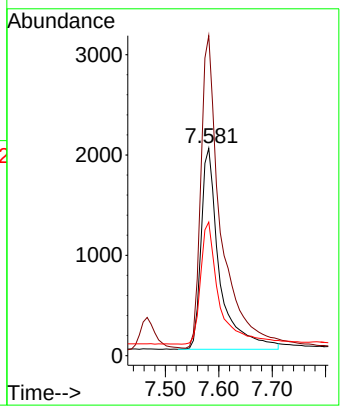


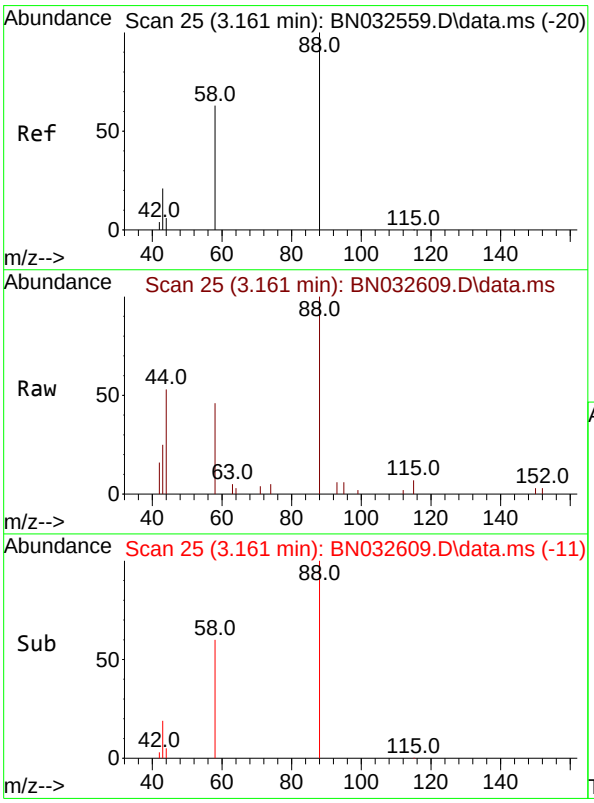
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.581 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4851

Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.6	182.4
115	64.4	53.1	79.7

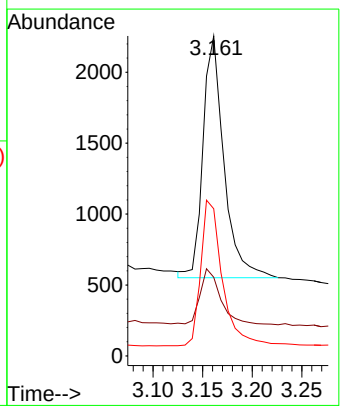


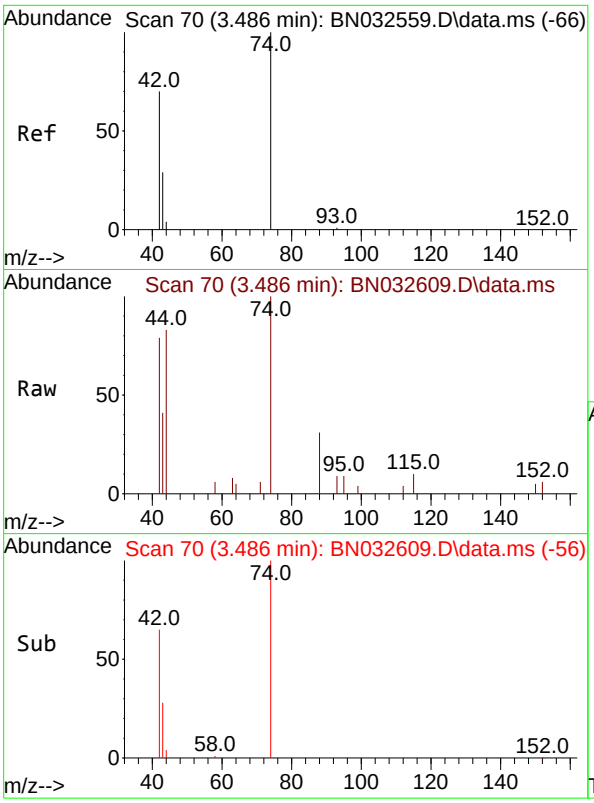


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion: 88 Resp: 2499

Ion	Ratio	Lower	Upper
88	100		
43	23.0	20.4	30.6
58	62.4	51.0	76.6



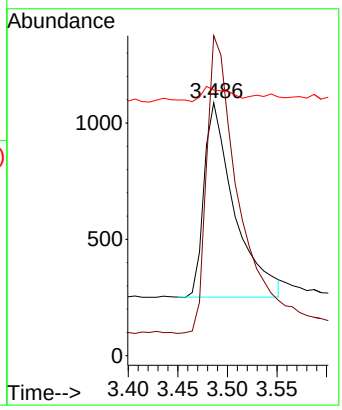


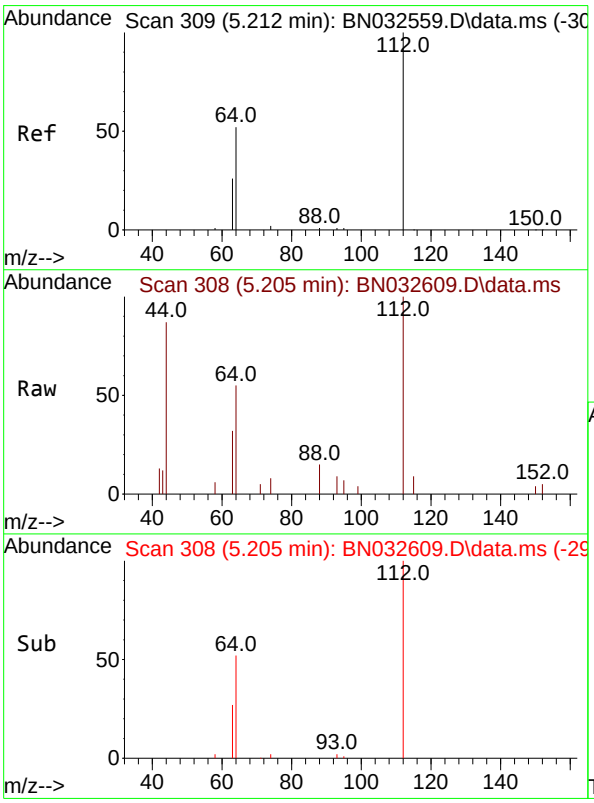
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.486 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1774

Ion	Ratio	Lower	Upper
42	100		
74	160.4	126.8	190.2
44	6.5	8.7	13.1#

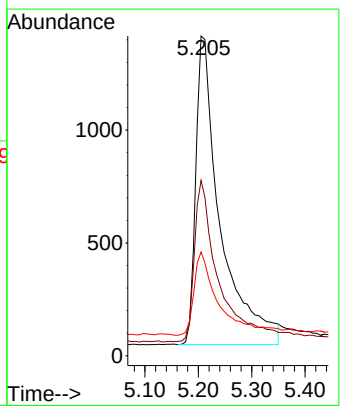


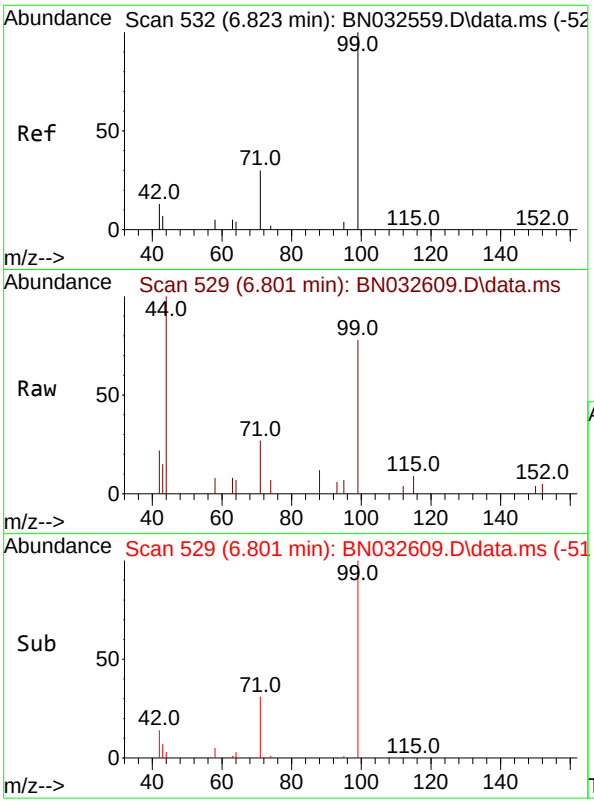


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:112 Resp: 4359

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.2	61.8
63	27.6	21.6	32.4



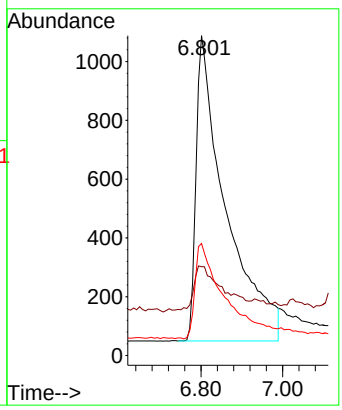


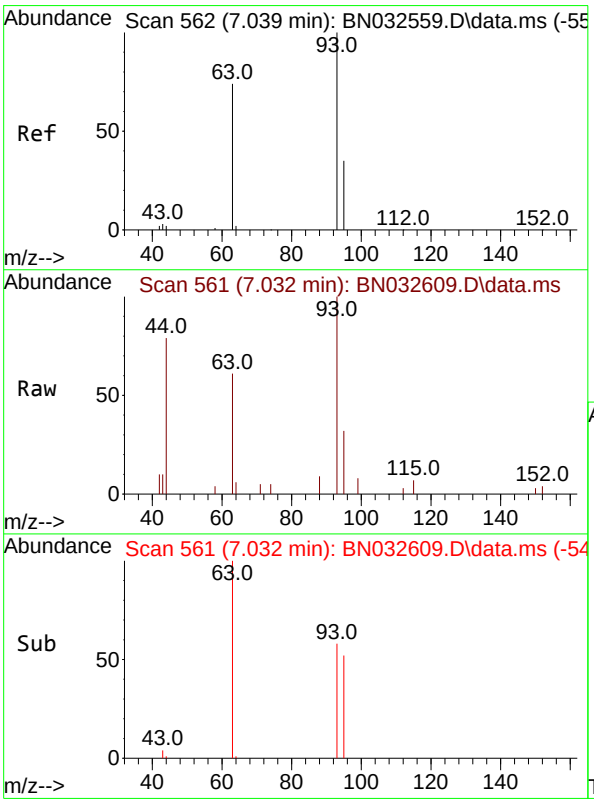
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.801 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5201

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	31.8	25.2	37.8

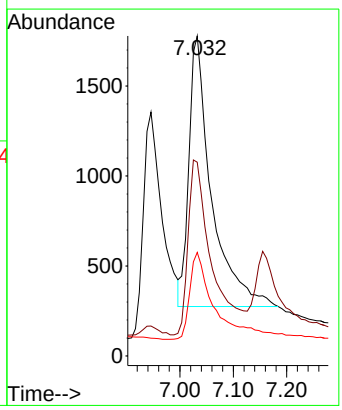


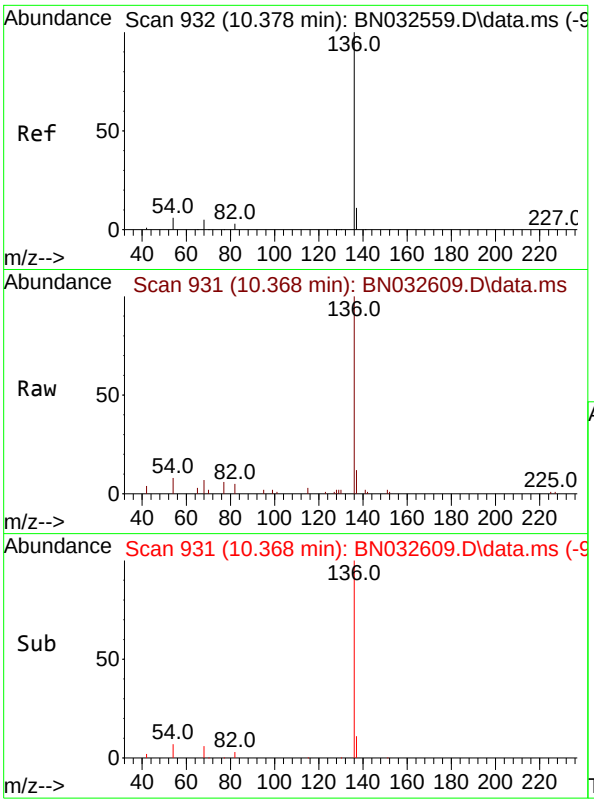


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.032 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion: 93 Resp: 4398

Ion	Ratio	Lower	Upper
93	100		
63	67.7	54.1	81.1
95	35.7	30.5	45.7



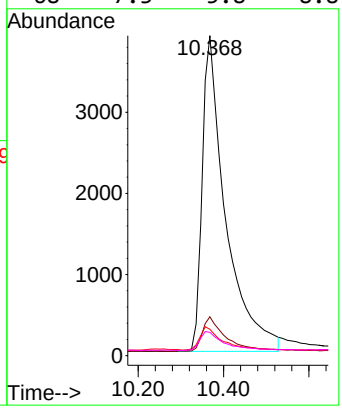


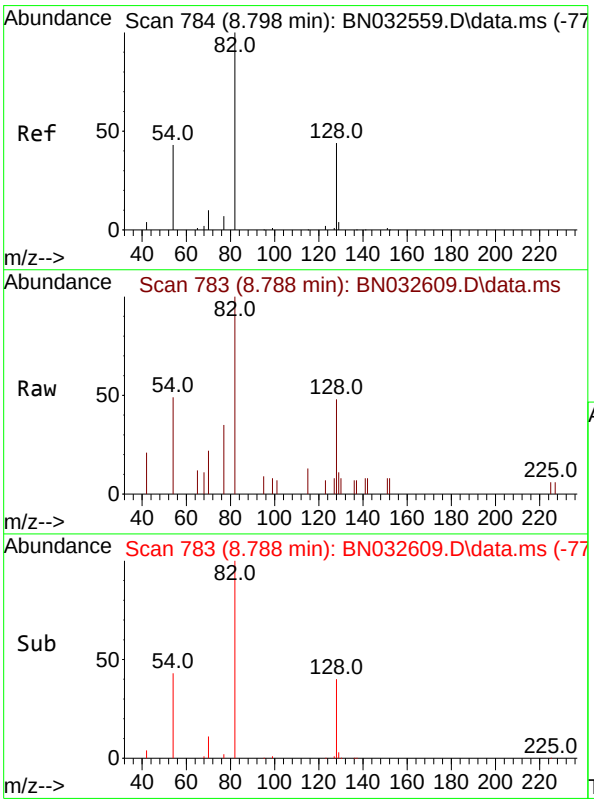
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14810

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.0	15.0
54	8.2	6.6	9.8
68	7.3	5.8	8.8

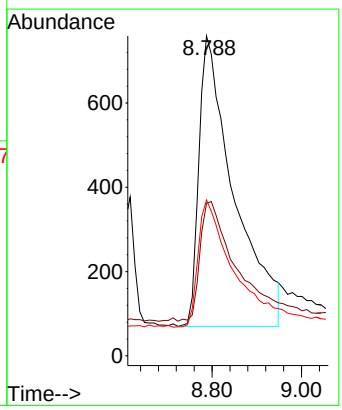


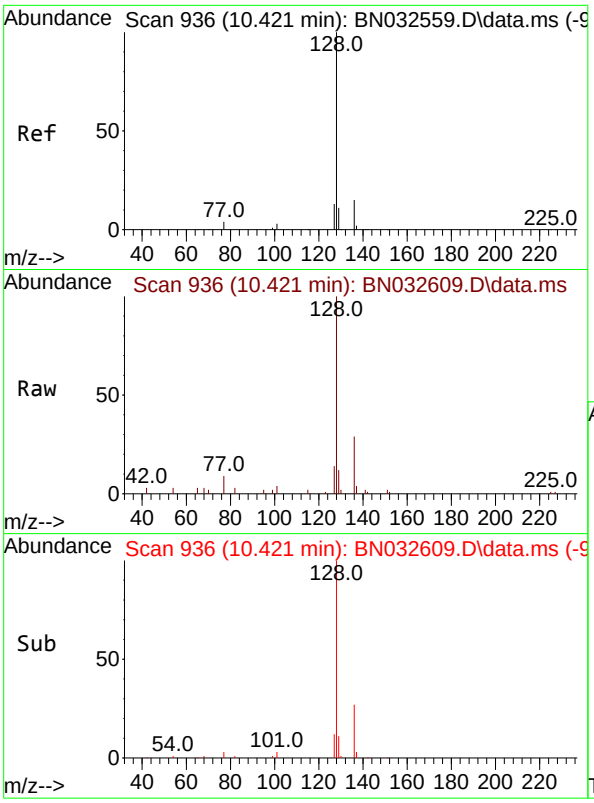


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.010 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion: 82 Resp: 3742

Ion	Ratio	Lower	Upper
82	100		
128	47.7	43.4	65.2
54	48.7	40.2	60.2



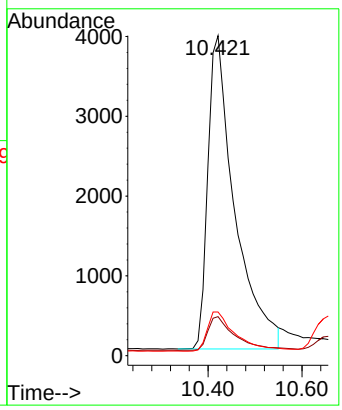


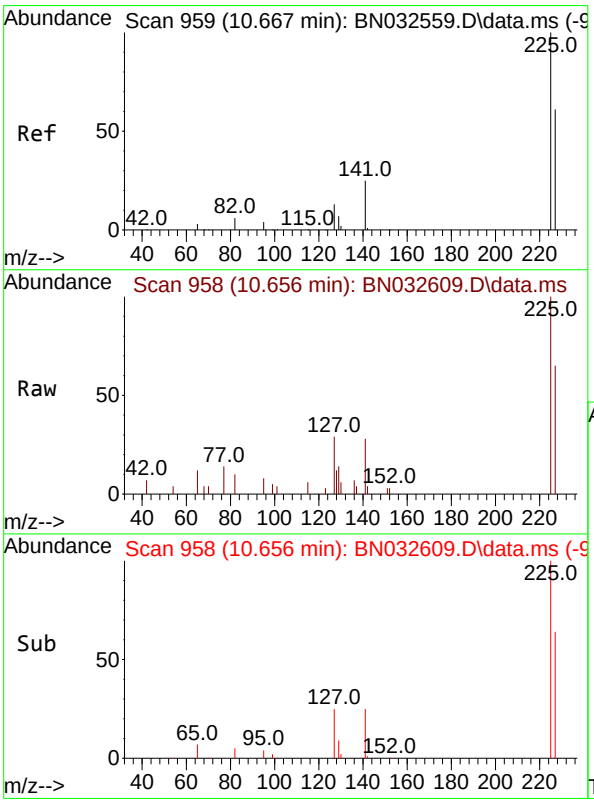
#9
Naphthalene
Concen: 0.386 ng
RT: 10.421 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15621

Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.2	15.4
127	13.7	11.4	17.0

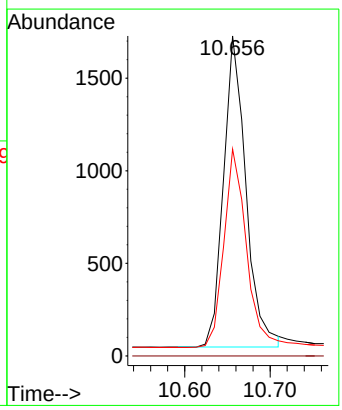


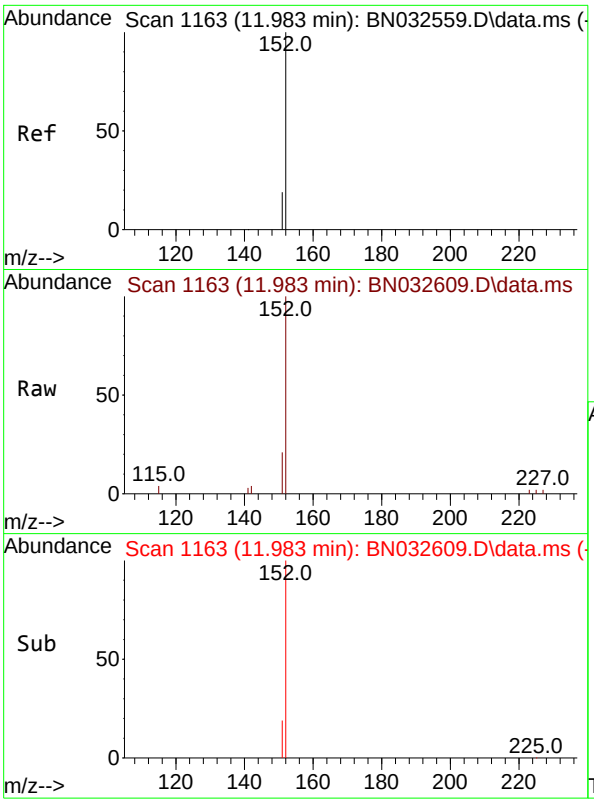


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.656 min Scan# 958
Delta R.T. -0.011 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:225 Resp: 3061

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.6	76.0



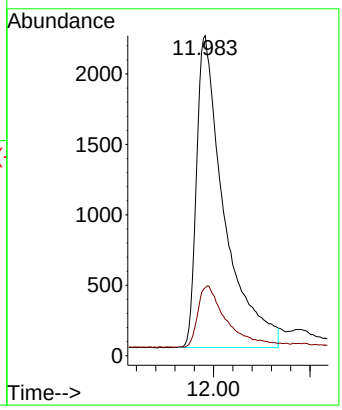


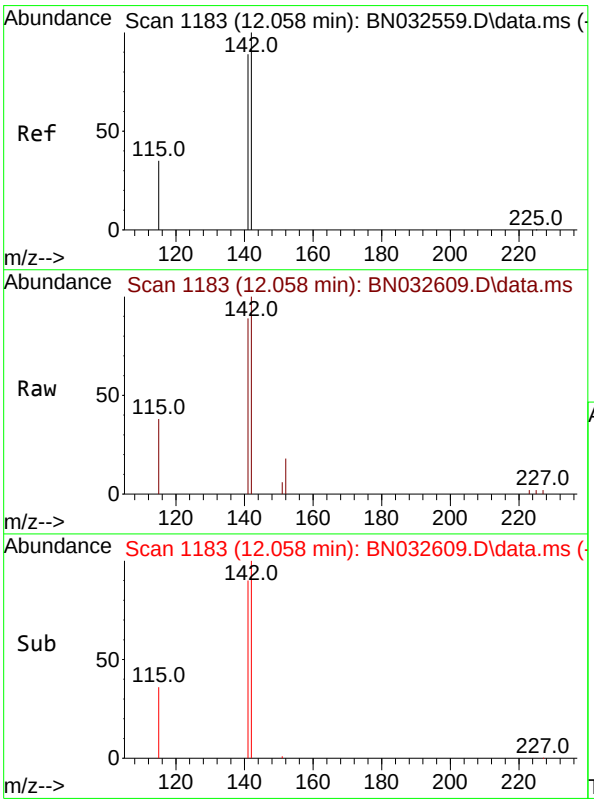
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 11.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8802

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6

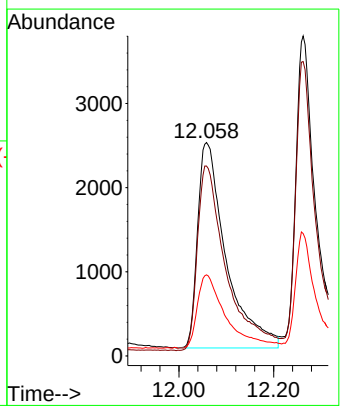


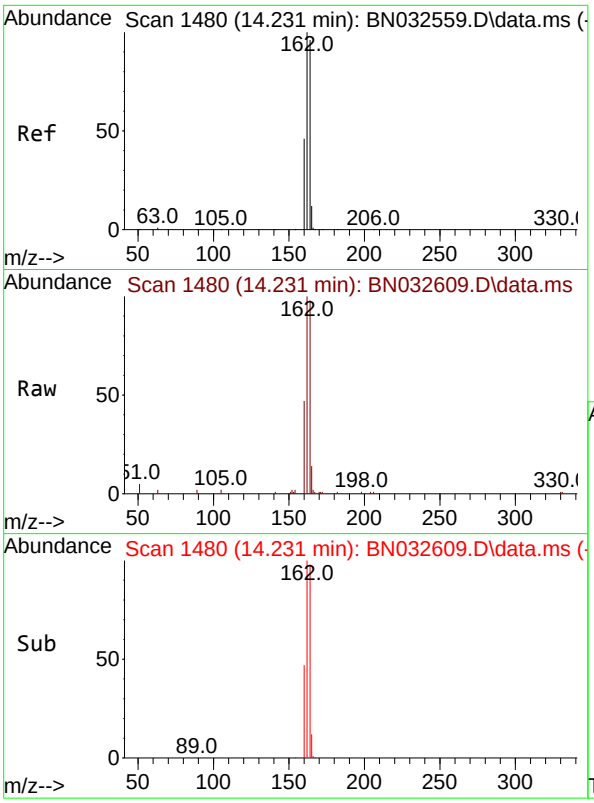


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.058 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:142 Resp: 10191

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	38.0	30.5	45.7



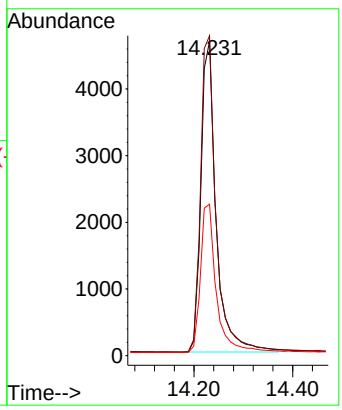


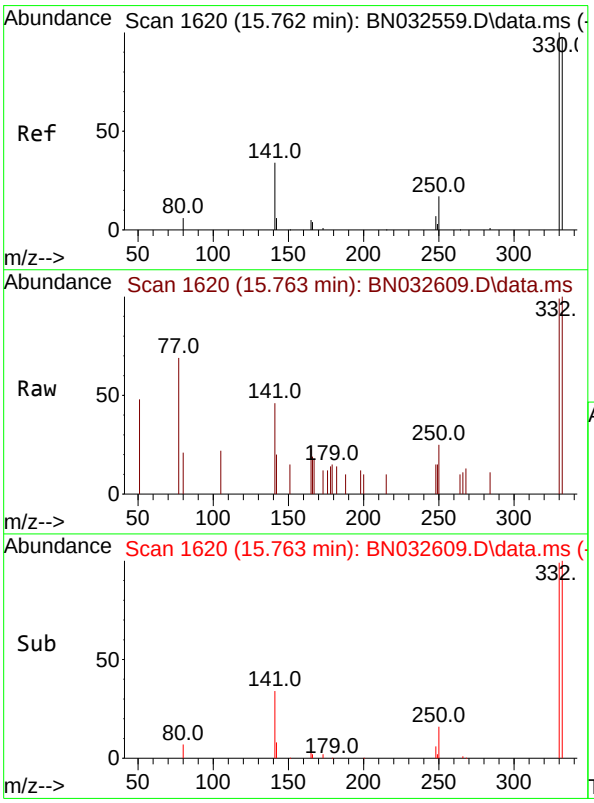
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9946

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	48.2	38.6	57.8

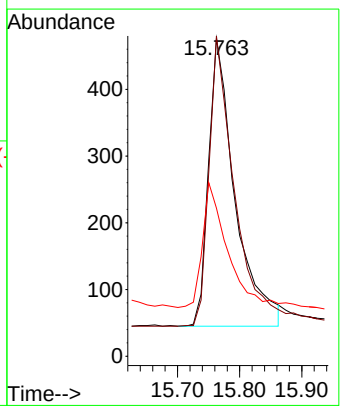


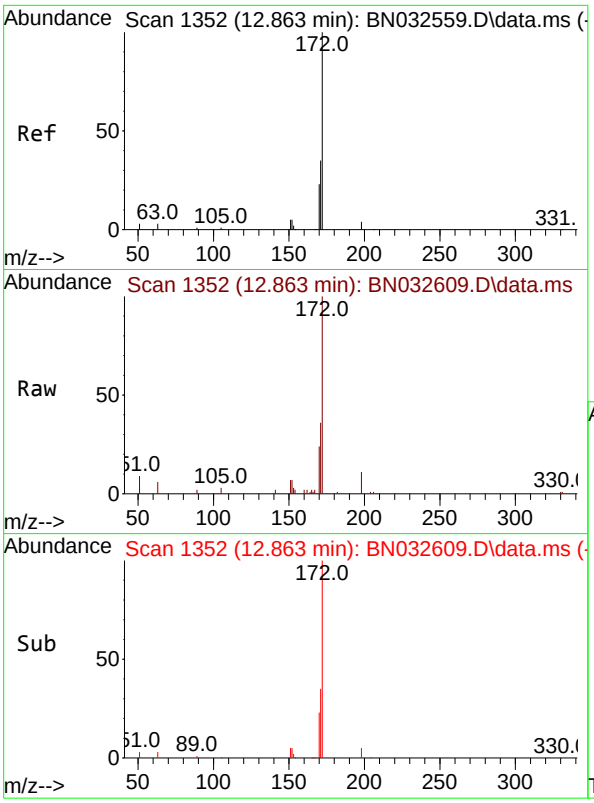


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:330 Resp: 1281

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	40.4	31.8	47.8



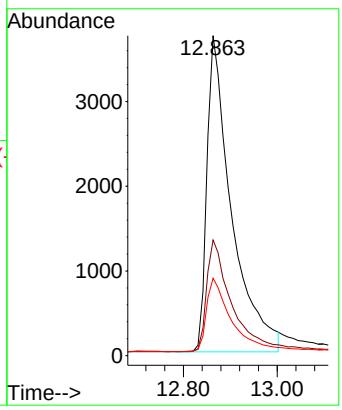


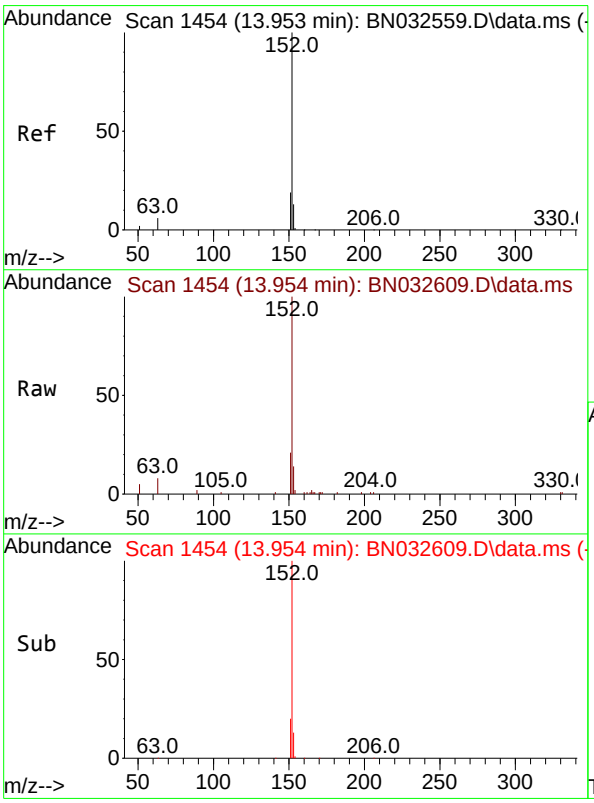
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13563

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.2	19.2	28.8

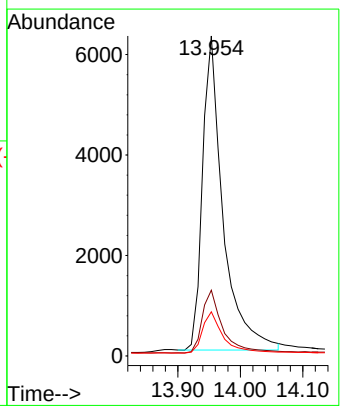


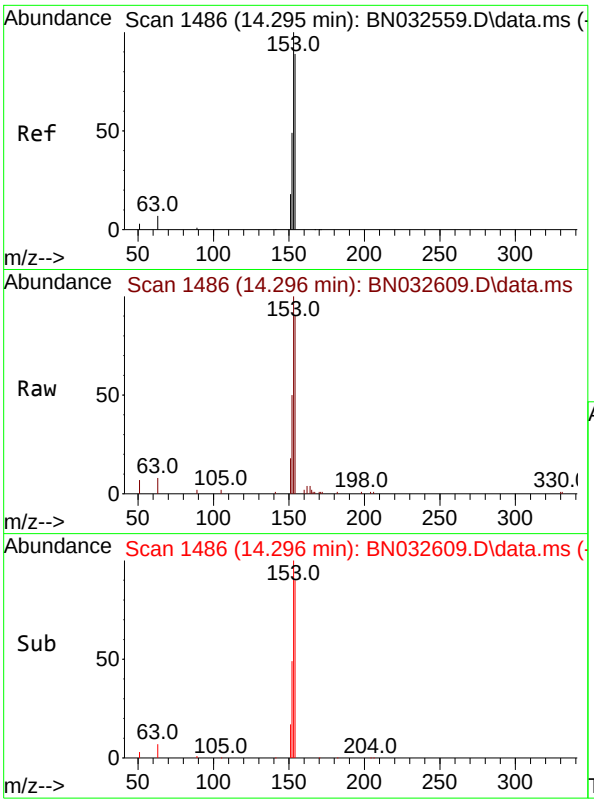


#16
Acenaphthylene
Concen: 0.333 ng
RT: 13.954 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:152 Resp: 14274

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.5	15.7



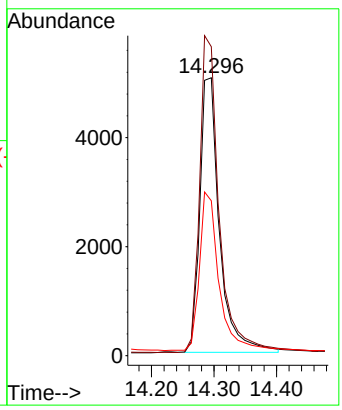


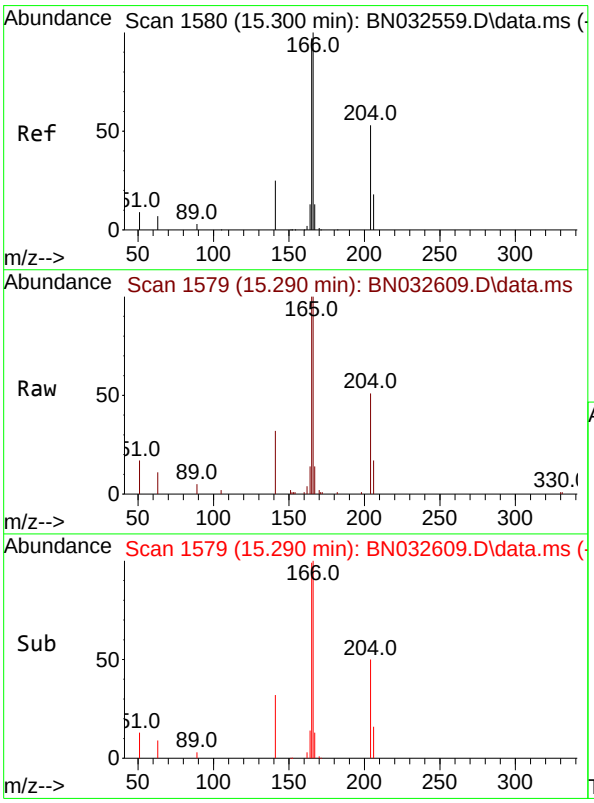
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.296 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11043

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.9	136.3
152	56.5	44.4	66.6

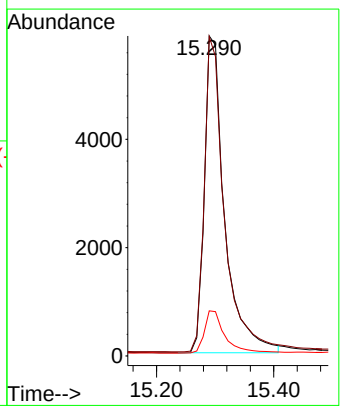


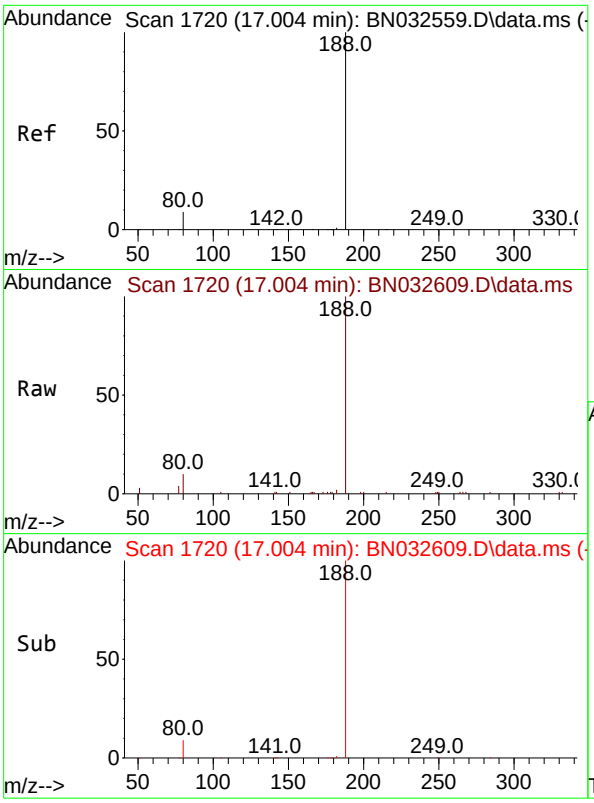


#18
Fluorene
Concen: 0.361 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.011 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:166 Resp: 14098

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.7	16.1



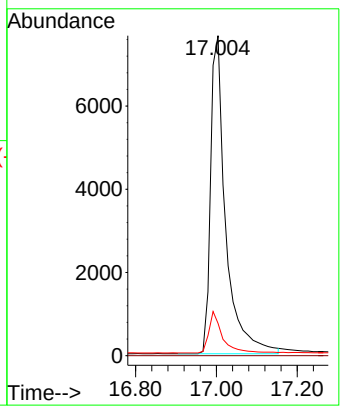


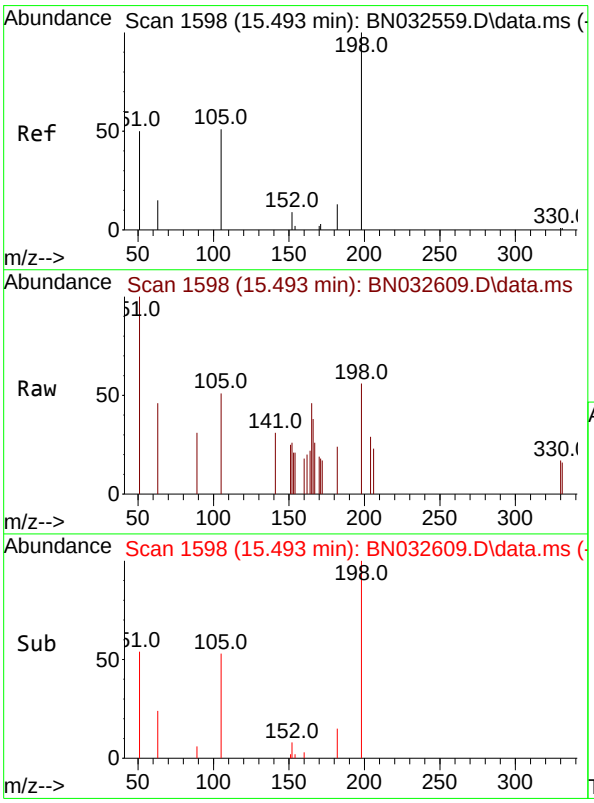
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 19848

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.8	11.6

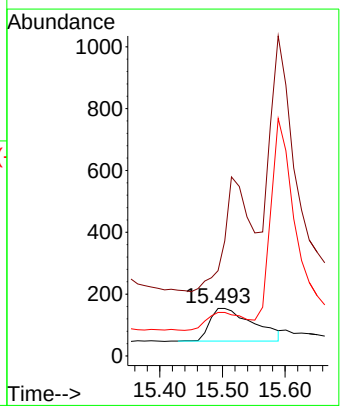


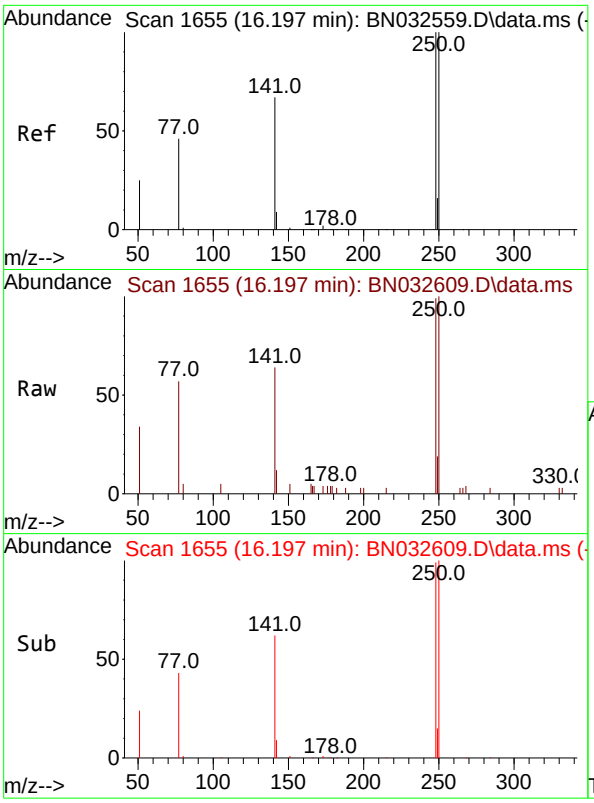


#20
4,6-Dinitro-2-methylphenol
Concen: 0.362 ng
RT: 15.493 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:198 Resp: 509

Ion	Ratio	Lower	Upper
198	100		
51	179.2	123.4	185.2
105	91.6	79.5	119.3



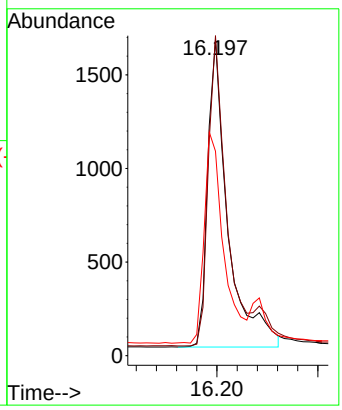


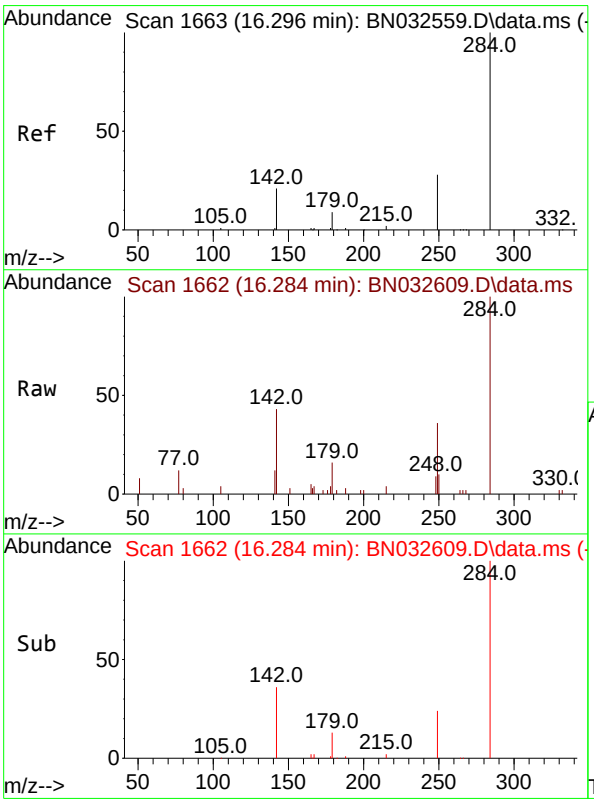
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.197 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4574

Ion	Ratio	Lower	Upper
248	100		
250	101.3	80.2	120.2
141	64.7	55.7	83.5

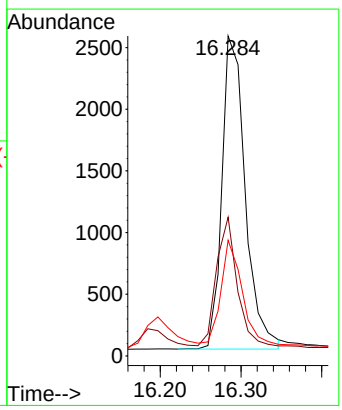


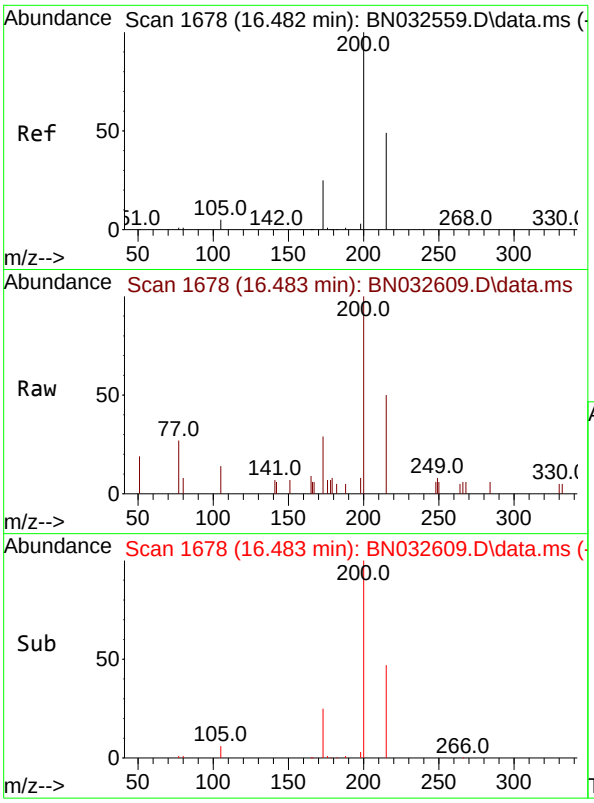


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.284 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:284 Resp: 5099

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.6	41.4
249	29.4	23.6	35.4



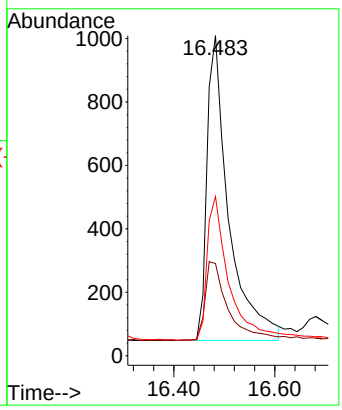


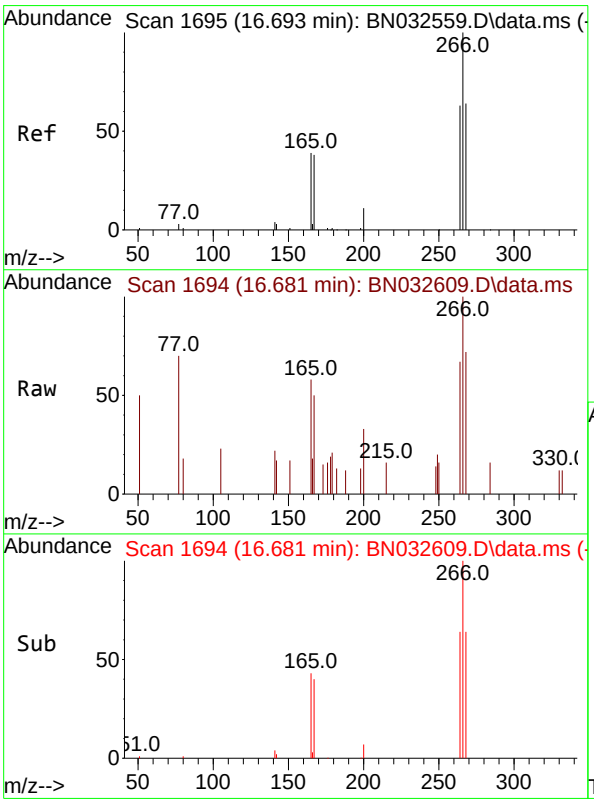
#23
Atrazine
Concen: 0.311 ng
RT: 16.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2864

Ion	Ratio	Lower	Upper
200	100		
173	28.8	22.3	33.5
215	49.8	41.0	61.6

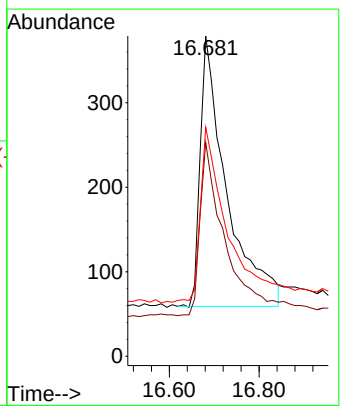


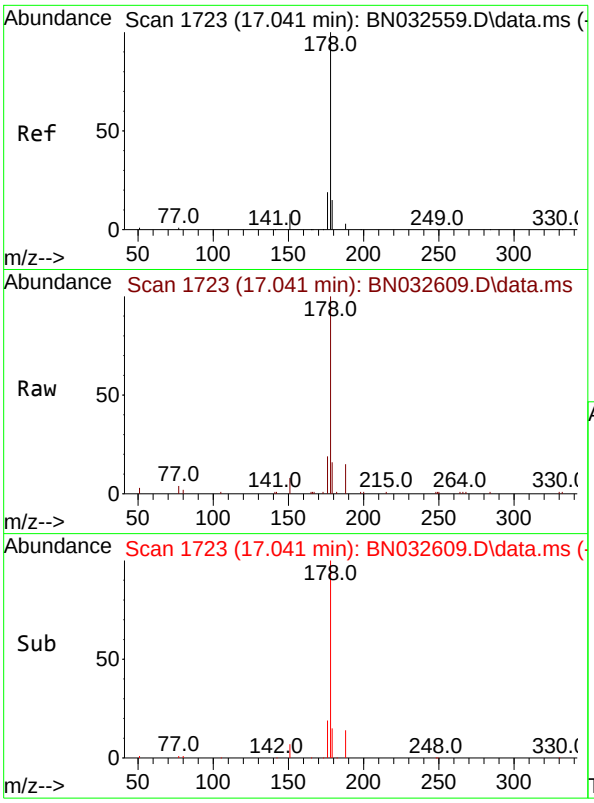


#24
Pentachlorophenol
Concen: 0.388 ng
RT: 16.681 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:266 Resp: 1305

Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.6	74.4
268	63.4	52.2	78.2



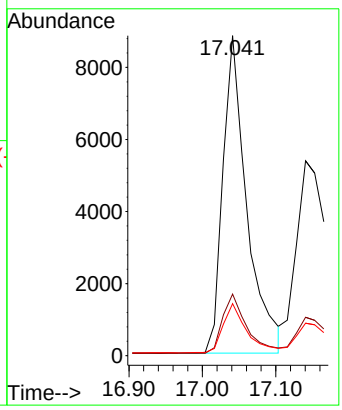


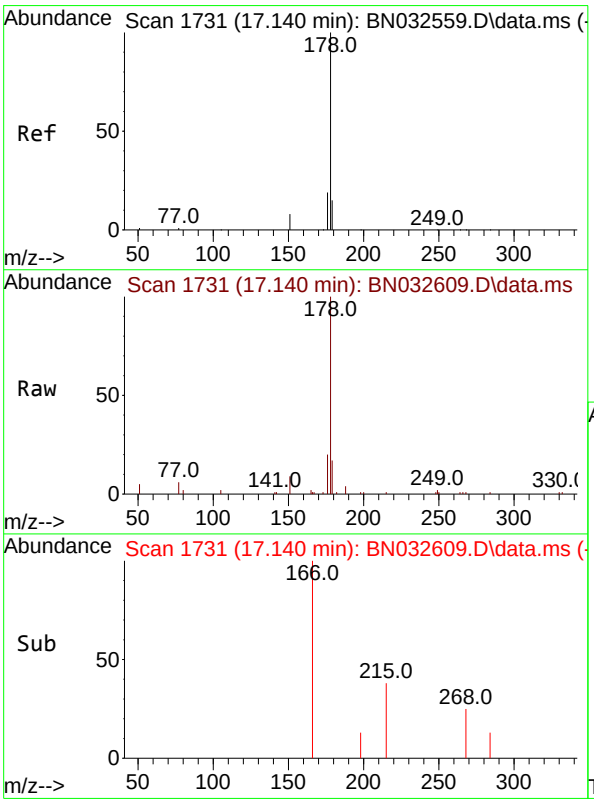
#25
Phenanthrene
Concen: 0.370 ng
RT: 17.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19968

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.2	18.4

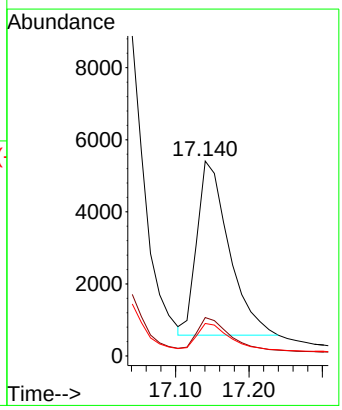


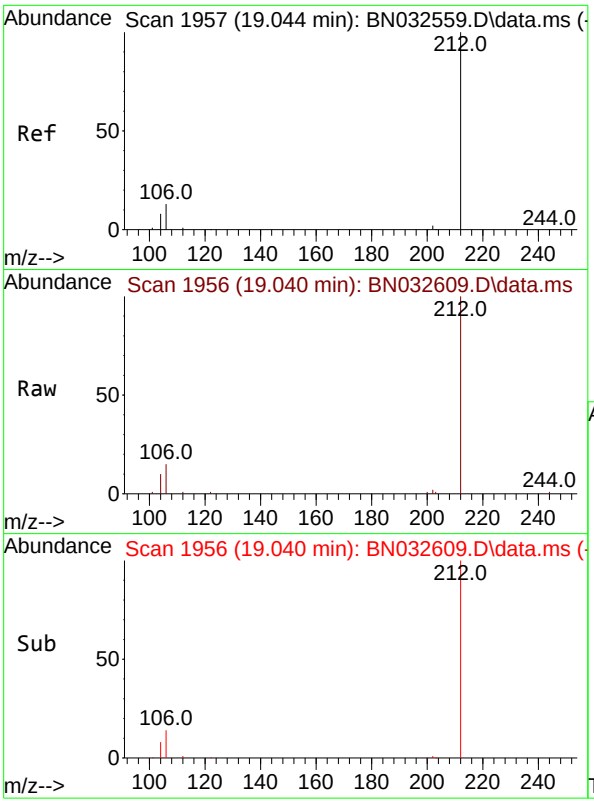


#26
Anthracene
Concen: 0.337 ng
RT: 17.140 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:178 Resp: 14619

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	14.9	11.9	17.9



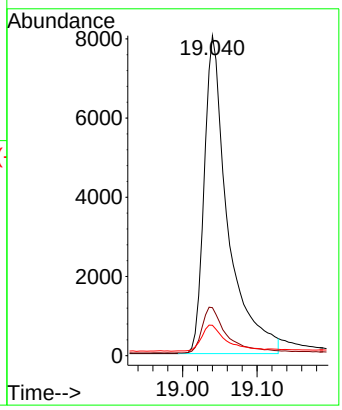


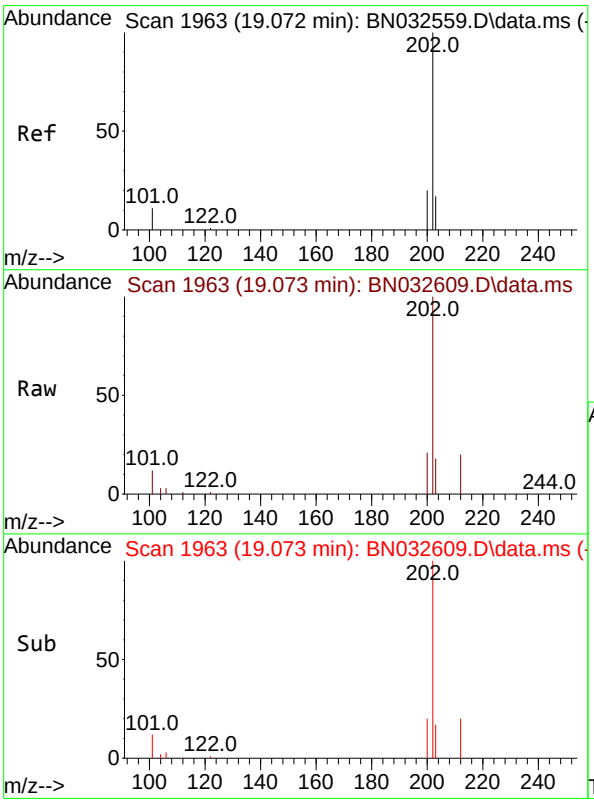
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17687

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.8
104	8.6	6.9	10.3

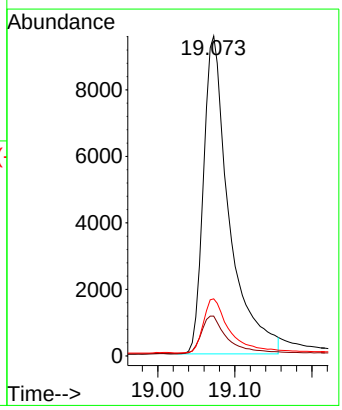


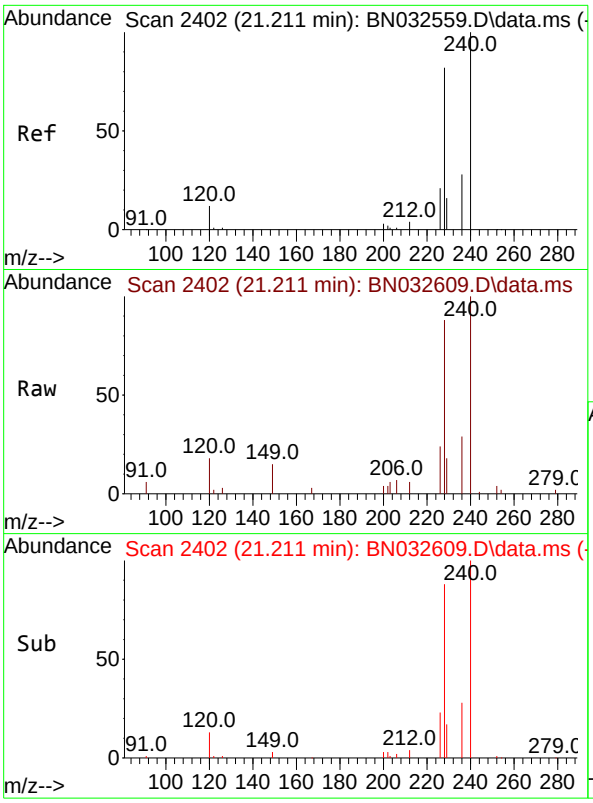


#28
Fluoranthene
Concen: 0.340 ng
RT: 19.073 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:202 Resp: 22149

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.5	14.3
203	17.3	13.8	20.6



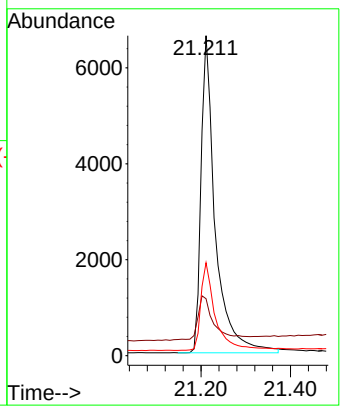


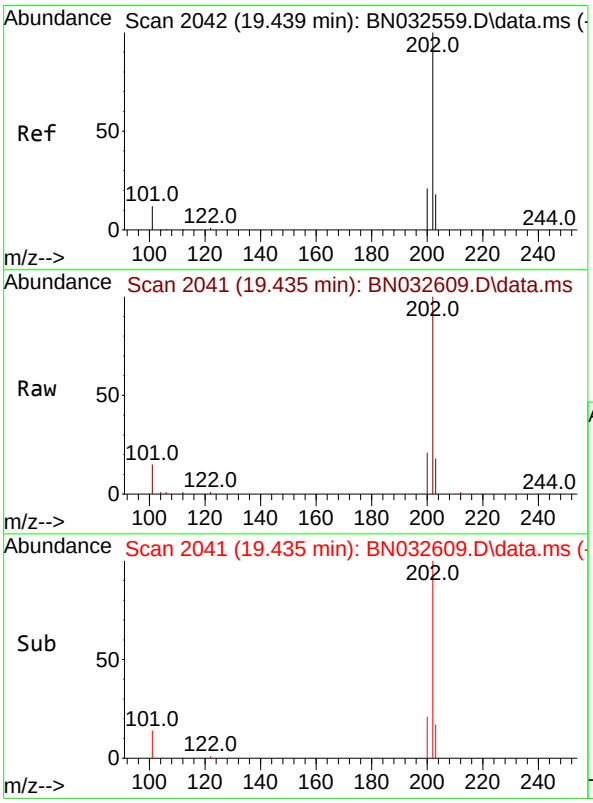
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14661

Ion	Ratio	Lower	Upper
240	100		
120	17.8	13.0	19.4
236	29.1	23.1	34.7

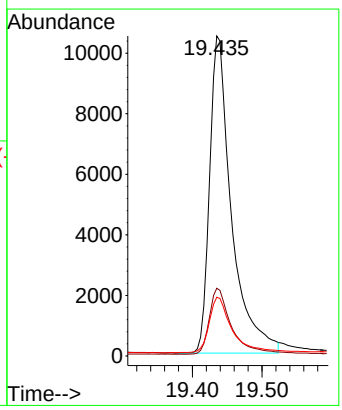


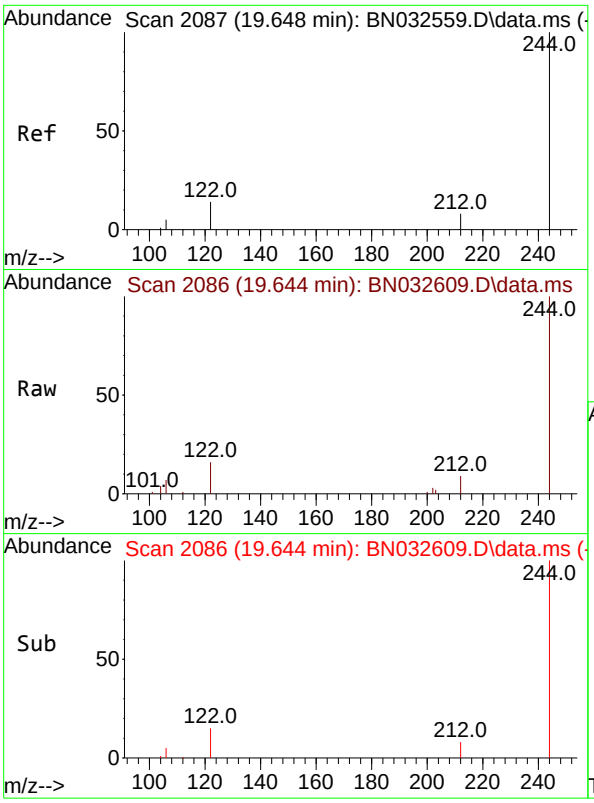


#30
Pyrene
Concen: 0.384 ng
RT: 19.435 min Scan# 2041
Delta R.T. -0.004 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:202 Resp: 22897

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.1	14.4	21.6



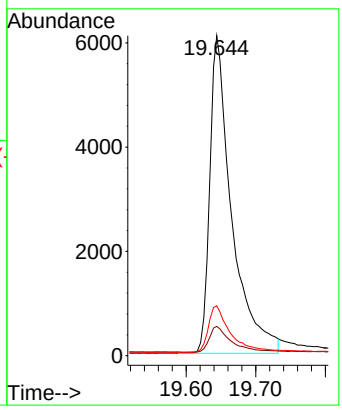


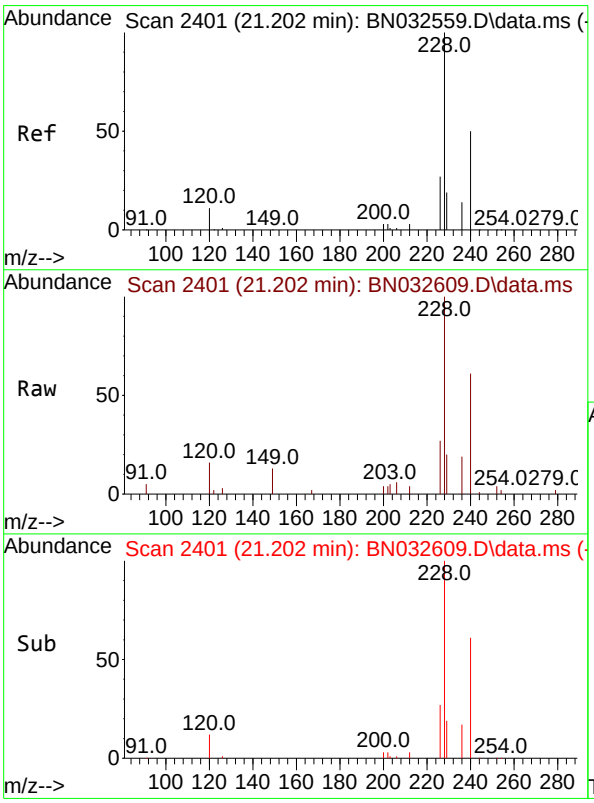
#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13303

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	15.6	12.1	18.1

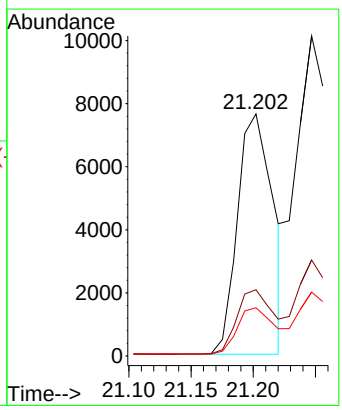


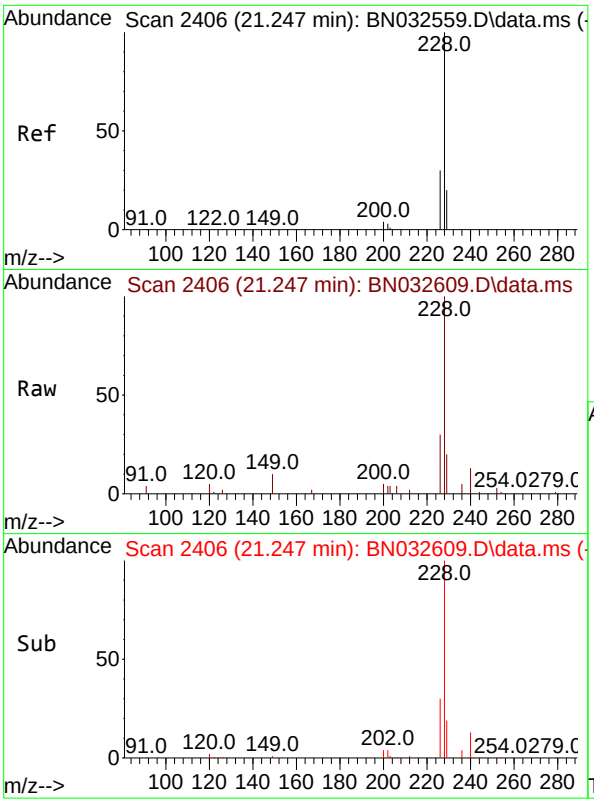


#32
Benzo(a)anthracene
Concen: 0.311 ng
RT: 21.202 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:228 Resp: 15065

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.9	16.0	24.0



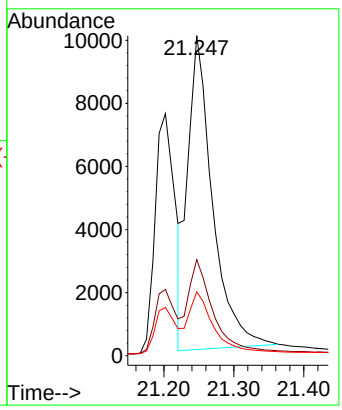


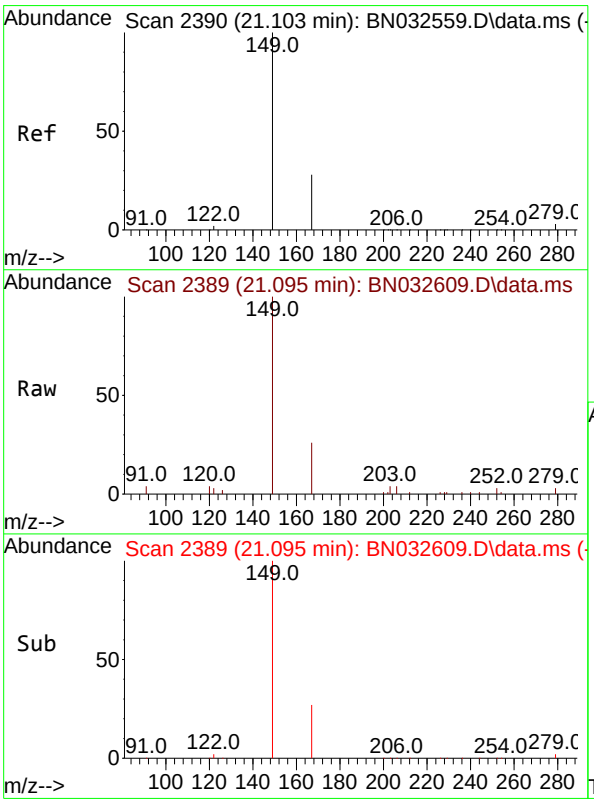
#33
Chrysene
Concen: 0.425 ng
RT: 21.247 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24487

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.0	16.1	24.1

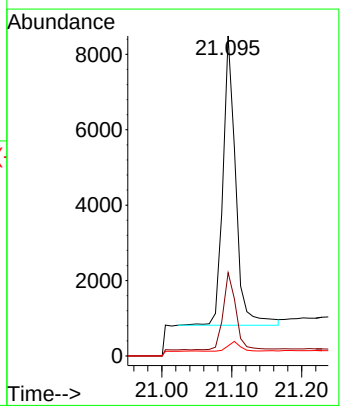


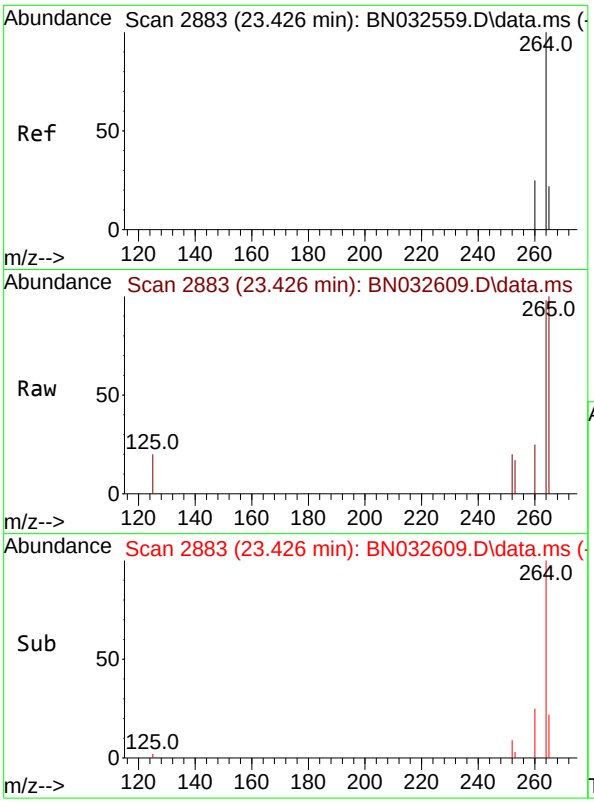


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:149 Resp: 9744

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.6	32.4
279	3.3	3.0	4.6



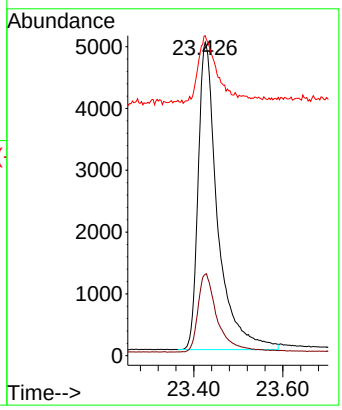


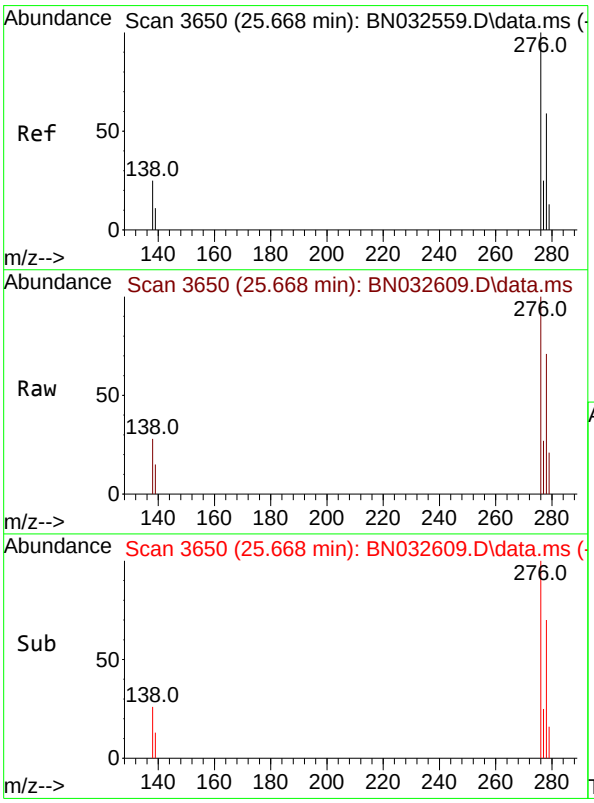
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.426 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 15141

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.6
265	102.1	76.6	115.0

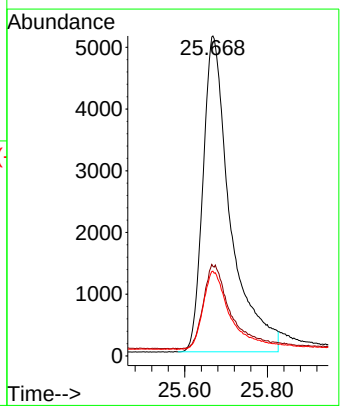


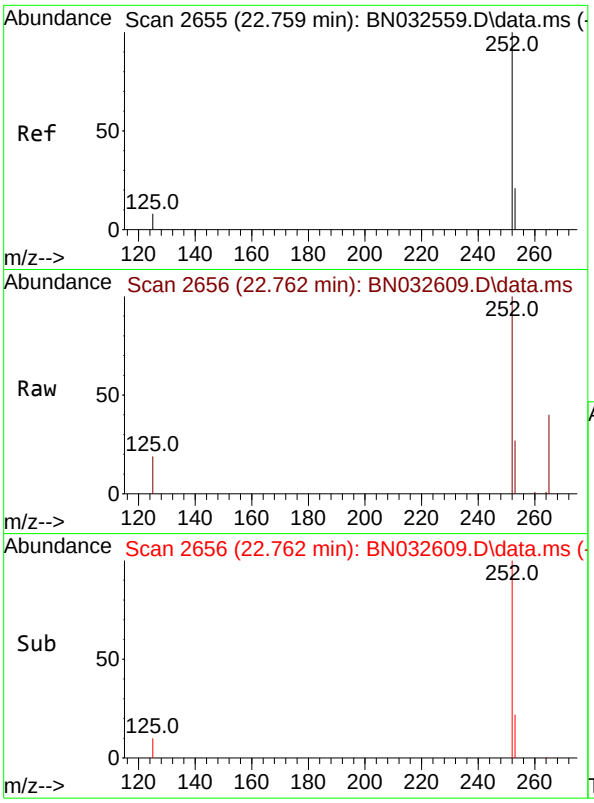


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 25.668 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:276 Resp: 23495

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.4	32.0
277	25.4	19.9	29.9



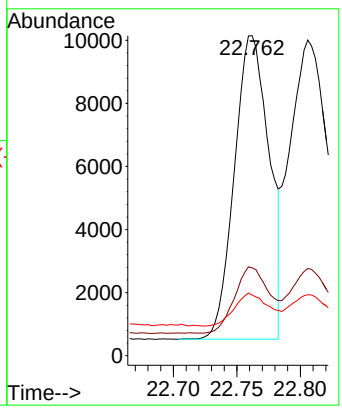


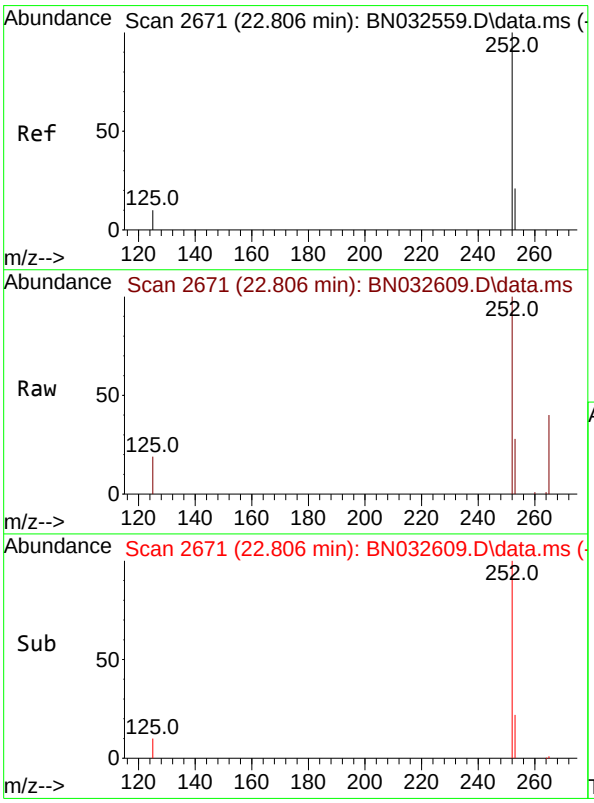
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.762 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18334

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.2	33.4
125	19.0	15.4	23.0

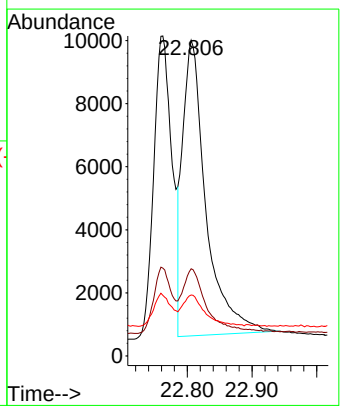


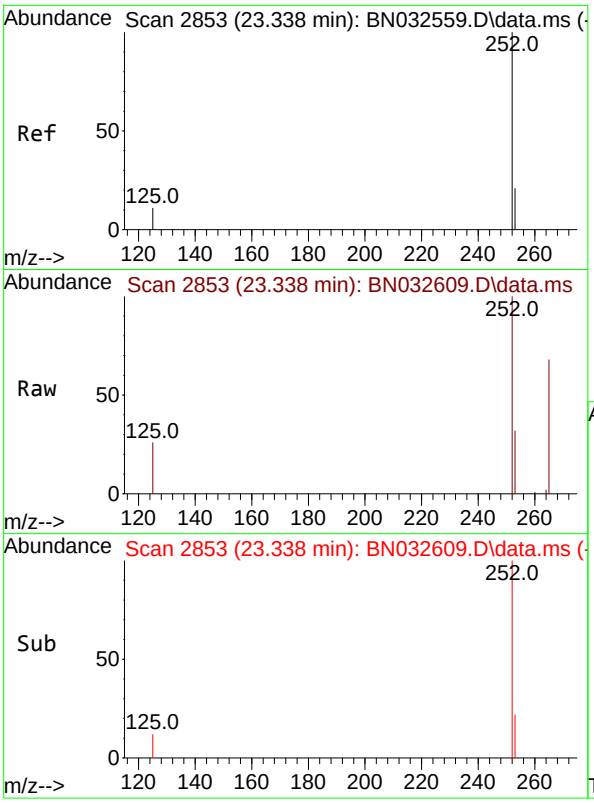


#38
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.806 min Scan# 2671
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:252 Resp: 23439

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.9	32.9
125	19.3	15.3	22.9



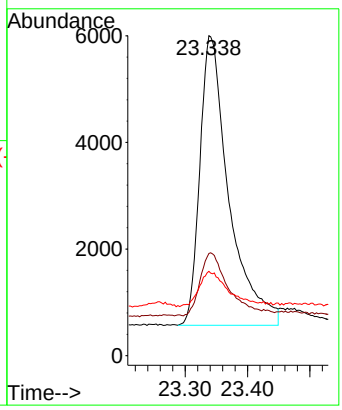


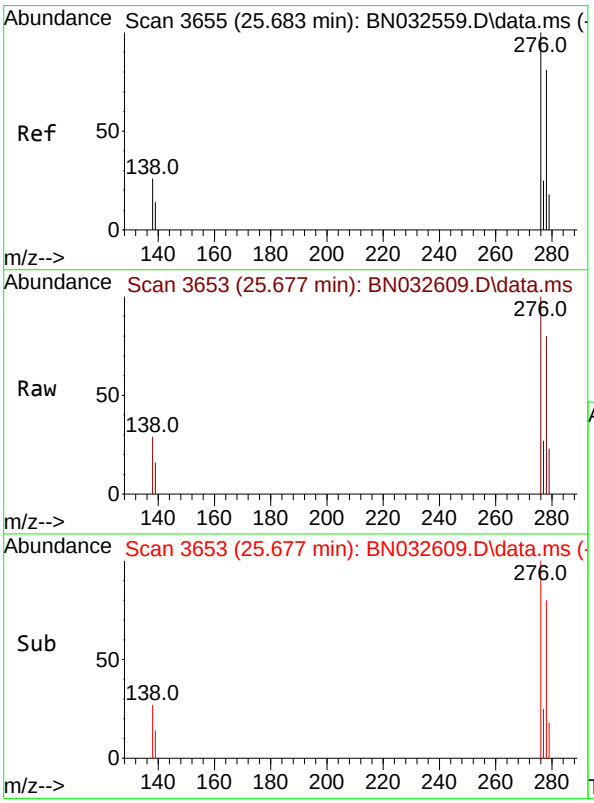
#39
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.338 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17573

Ion	Ratio	Lower	Upper
252	100		
253	32.0	25.5	38.3
125	26.4	20.7	31.1

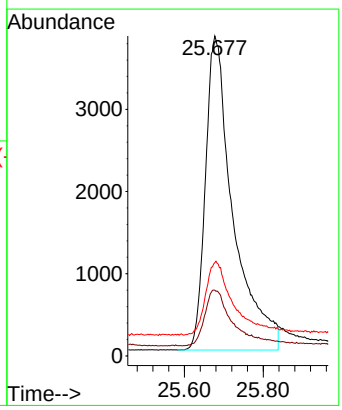


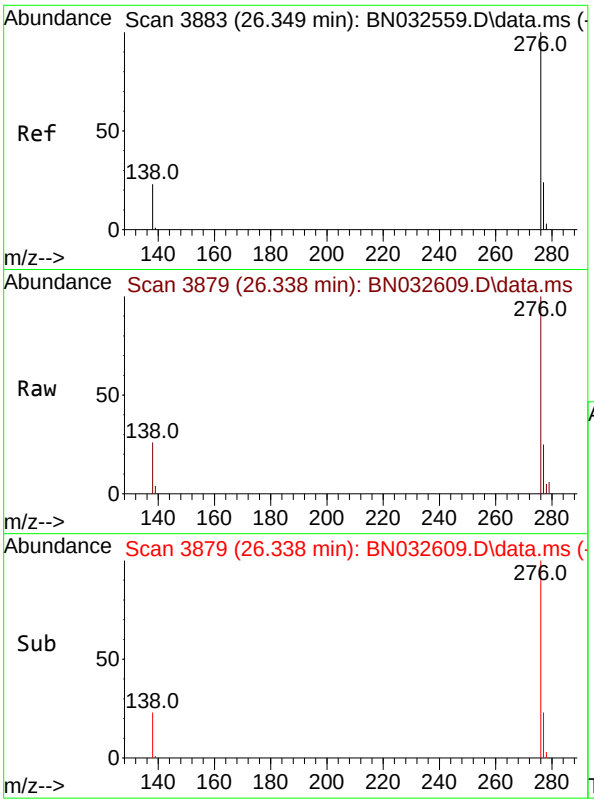


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.677 min Scan# 3653
Delta R.T. -0.006 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Tgt Ion:278 Resp: 18632

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.8	26.6
279	29.1	24.4	36.6





#41
Benzo(g,h,i)perylene
Concen: 0.431 ng
RT: 26.338 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN032609.D
Acq: 10 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21561

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.5	32.3
138	25.5	21.4	32.0