Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029493.D
Acq On : 02 Feb 2024 09:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 02 11:14:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

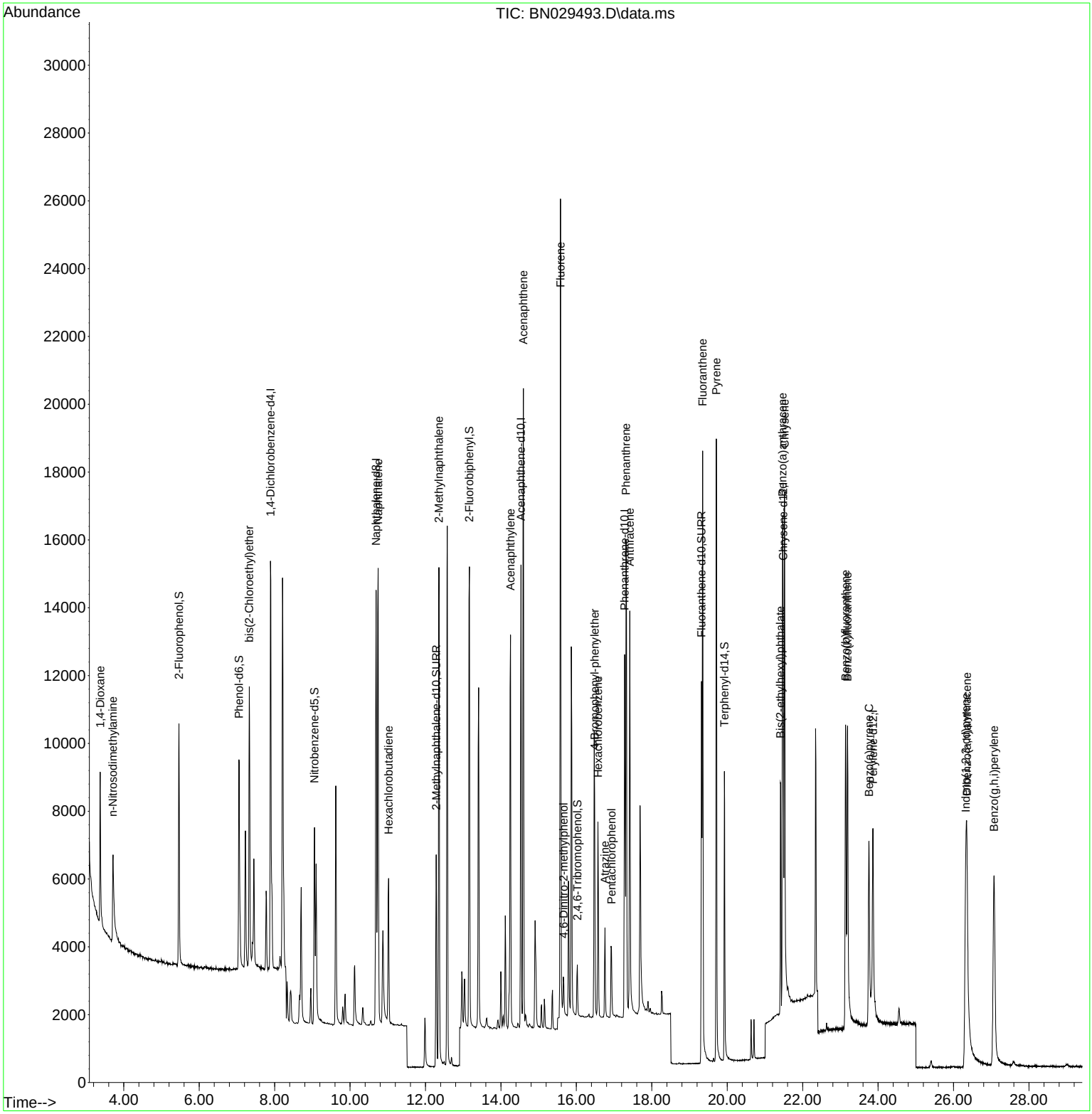
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	6043	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	16766	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	7651	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	14238	0.400	ng		0.00
29) Chrysene-d12	21.483	240	8996	0.400	ng	#	0.00
35) Perylene-d12	23.864	264	9164	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	5920	0.408	ng		0.00
5) Phenol-d6	7.060	99	6586	0.393	ng		0.00
8) Nitrobenzene-d5	9.057	82	5408	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	8956	0.392	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	826	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	12996	0.396	ng		0.00
27) Fluoranthene-d10	19.317	212	12363	0.358	ng		0.00
31) Terphenyl-d14	19.926	244	8812	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2921	0.343	ng		91
3) n-Nitrosodimethylamine	3.709	42	2418	0.349	ng	#	90
6) bis(2-Chloroethyl)ether	7.327	93	6537	0.409	ng		98
9) Naphthalene	10.744	128	18601	0.389	ng		98
10) Hexachlorobutadiene	11.021	225	3376	0.373	ng	#	100
12) 2-Methylnaphthalene	12.355	142	10867	0.387	ng		100
16) Acenaphthylene	14.254	152	13724	0.378	ng		99
17) Acenaphthene	14.596	154	9487	0.389	ng		99
18) Fluorene	15.580	166	11652	0.381	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	821	0.393	ng	#	61
21) 4-Bromophenyl-phenylether	16.486	248	3309	0.391	ng	#	71
22) Hexachlorobenzene	16.573	284	3969	0.382	ng		99
23) Atrazine	16.759	200	2221	0.369	ng		97
24) Pentachlorophenol	16.933	266	1179	0.358	ng		100
25) Phenanthrene	17.317	178	16367	0.389	ng		99
26) Anthracene	17.417	178	13458	0.375	ng		100
28) Fluoranthene	19.350	202	16605	0.351	ng		99
30) Pyrene	19.712	202	17187	0.415	ng		100
32) Benzo(a)anthracene	21.465	228	11701	0.381	ng		99
33) Chrysene	21.519	228	14170	0.406	ng		98
34) Bis(2-ethylhexyl)phtha...	21.411	149	7435	0.355	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.323	276	13946	0.379	ng	#	88
37) Benzo(b)fluoranthene	23.139	252	12130	0.370	ng		99
38) Benzo(k)fluoranthene	23.189	252	12855	0.375	ng		98
39) Benzo(a)pyrene	23.759	252	10817	0.379	ng		96
40) Dibenzo(a,h)anthracene	26.355	278	11220	0.382	ng		94
41) Benzo(g,h,i)perylene	27.075	276	13661	0.382	ng		99

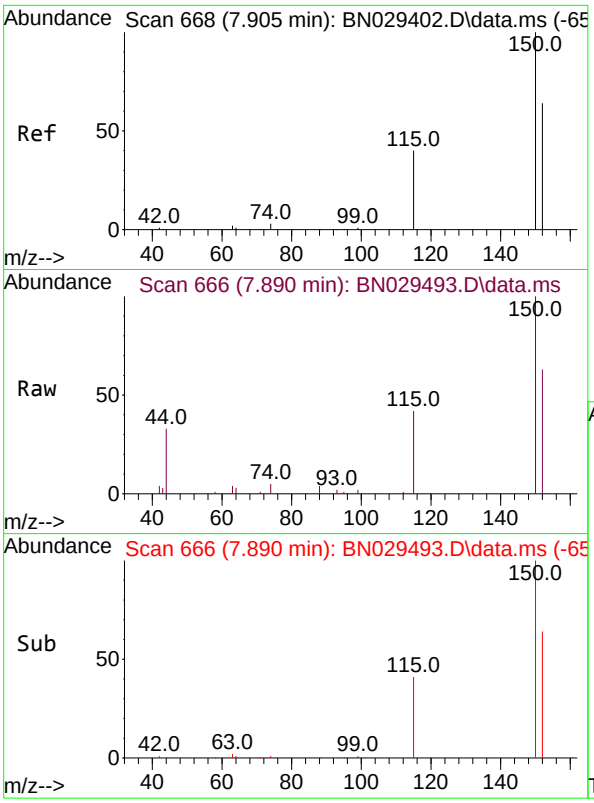
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029493.D
Acq On : 02 Feb 2024 09:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 02 11:14:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration



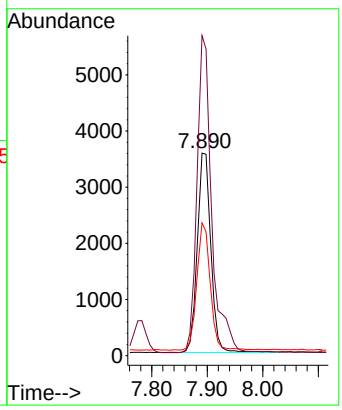


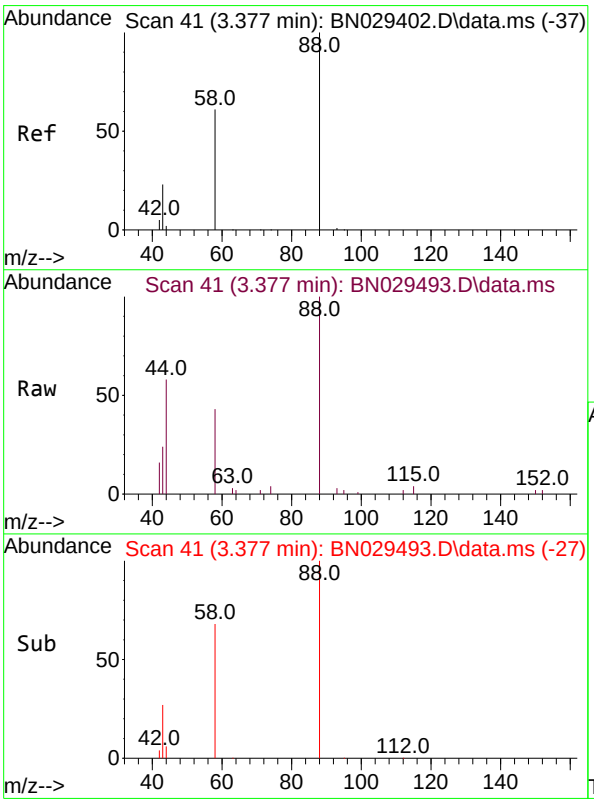
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6043

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	65.6	51.4	77.0

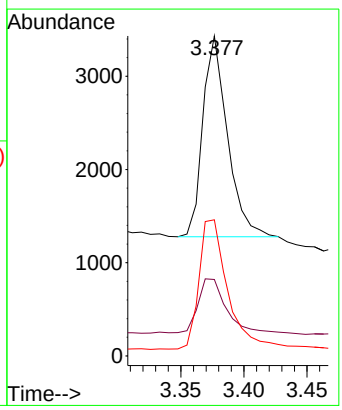


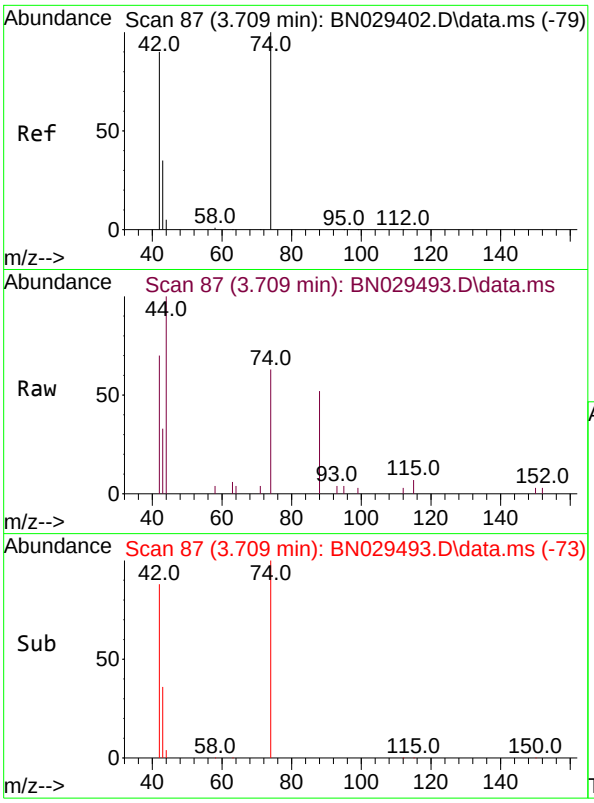


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion: 88 Resp: 2921

Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.3	34.9
58	75.7	53.8	80.6



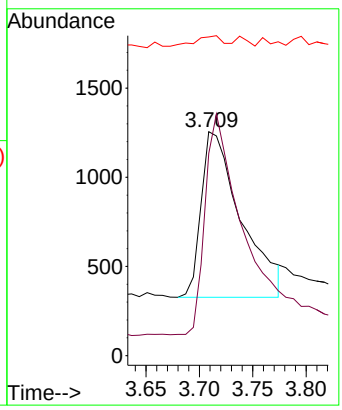


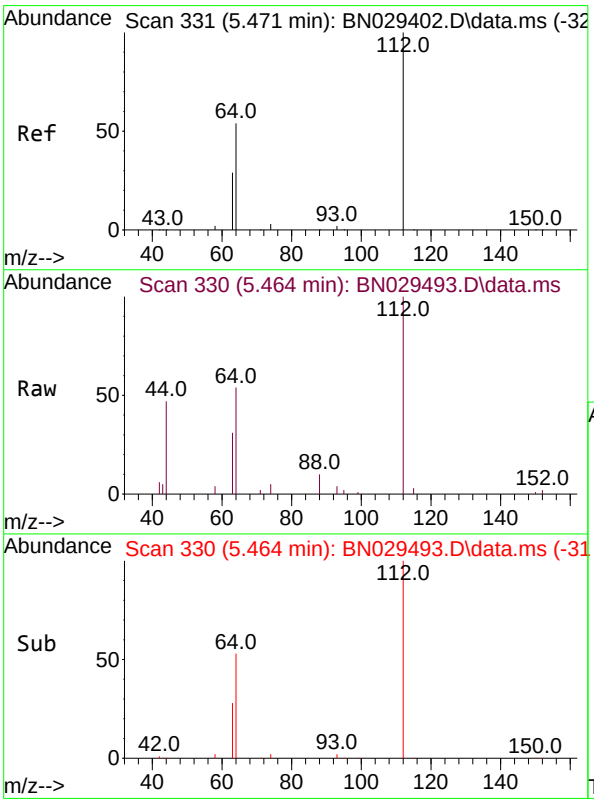
#3
n-Nitrosodimethylamine
Concen: 0.349 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2418

Ion	Ratio	Lower	Upper
42	100		
74	125.4	93.7	140.5
44	4.1	13.0	19.4#

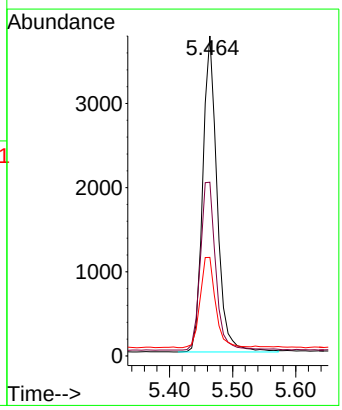


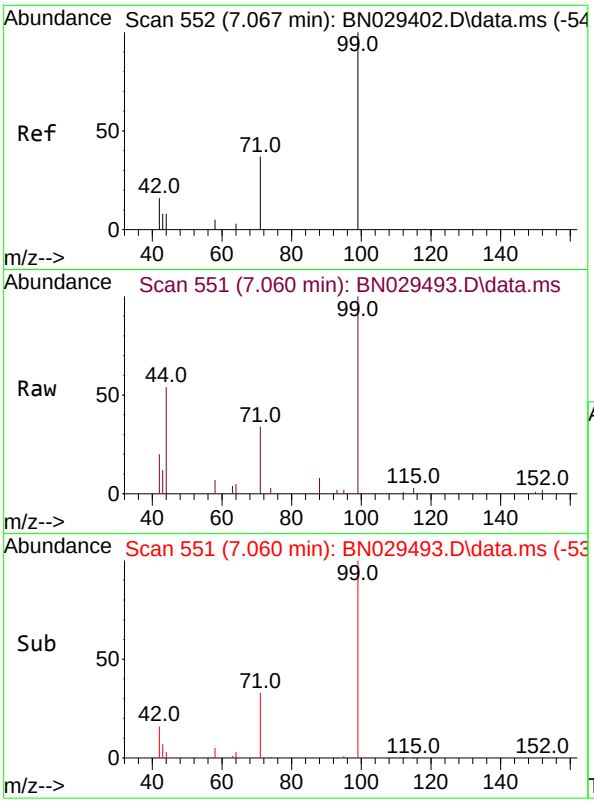


#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:112 Resp: 5920

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.2	70.8
63	30.6	25.8	38.6



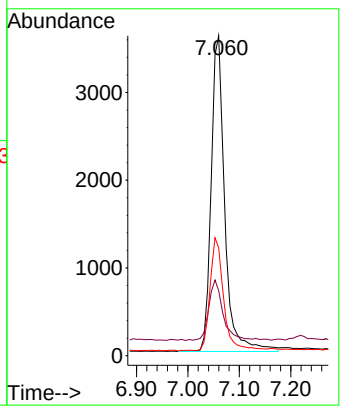


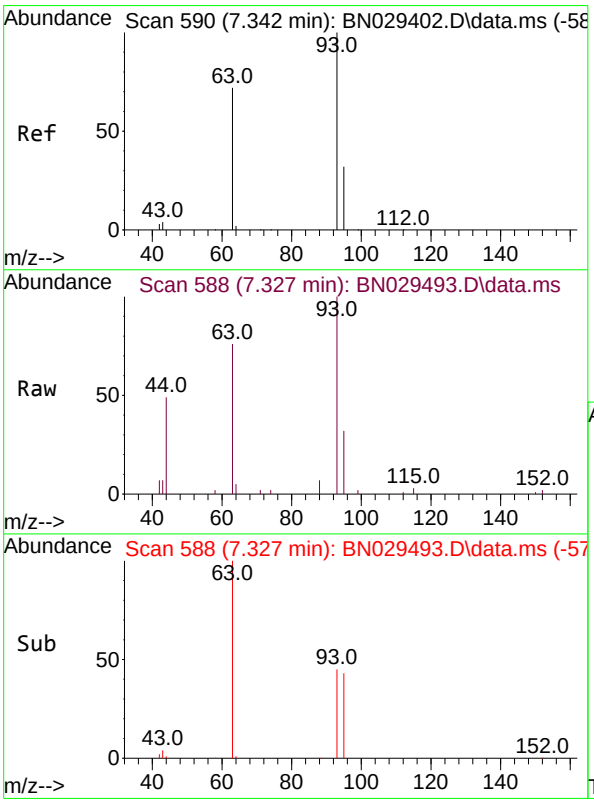
#5
Phenol-d6
Concen: 0.393 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6586

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.9	25.3
71	35.8	30.0	45.0

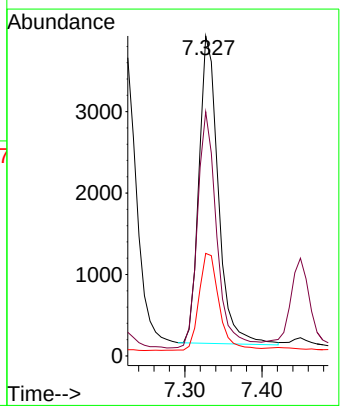


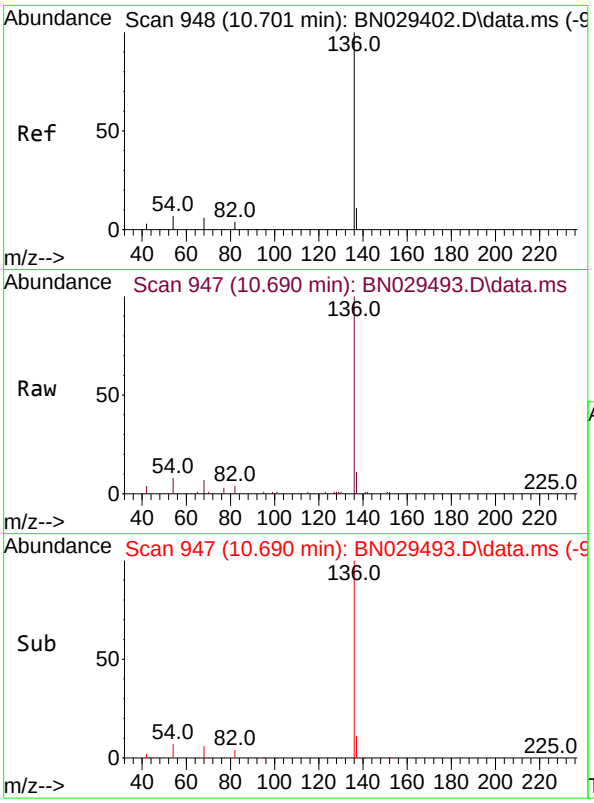


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion: 93 Resp: 6537

Ion	Ratio	Lower	Upper
93	100		
63	77.3	63.1	94.7
95	33.2	27.1	40.7



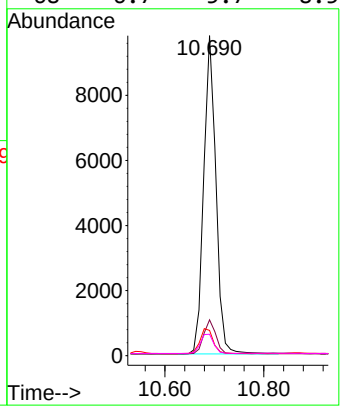


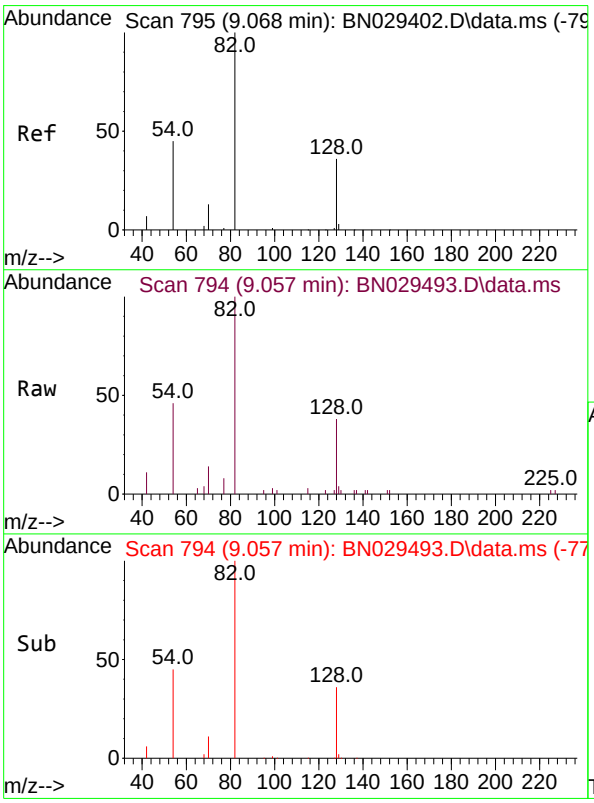
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16766

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	7.9	6.6	10.0
68	6.7	5.7	8.5

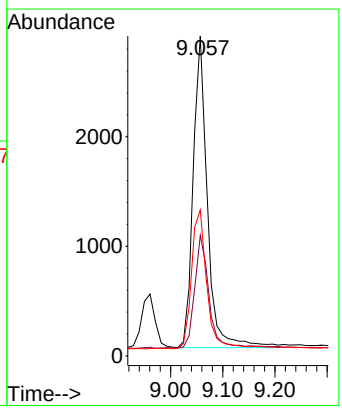


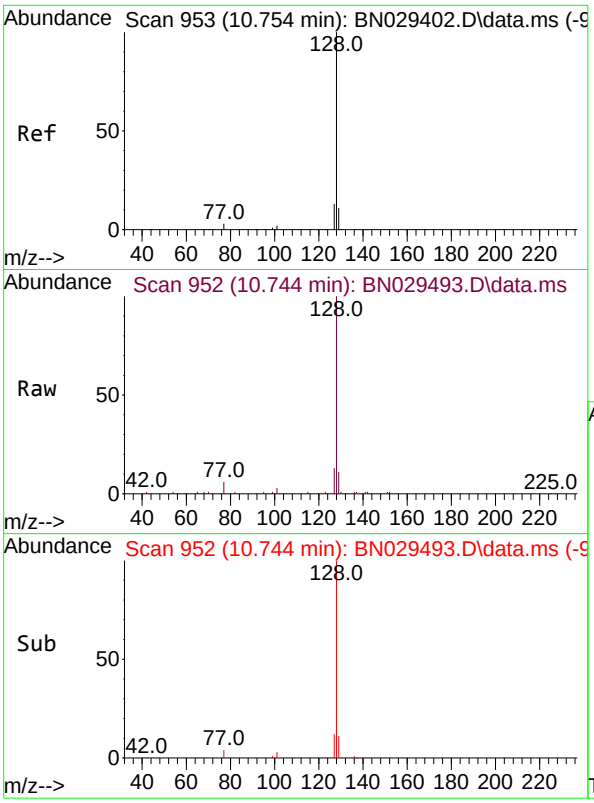


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion: 82 Resp: 5408

Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.6	47.4
54	45.6	38.2	57.4



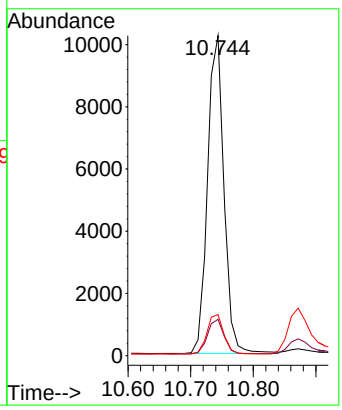


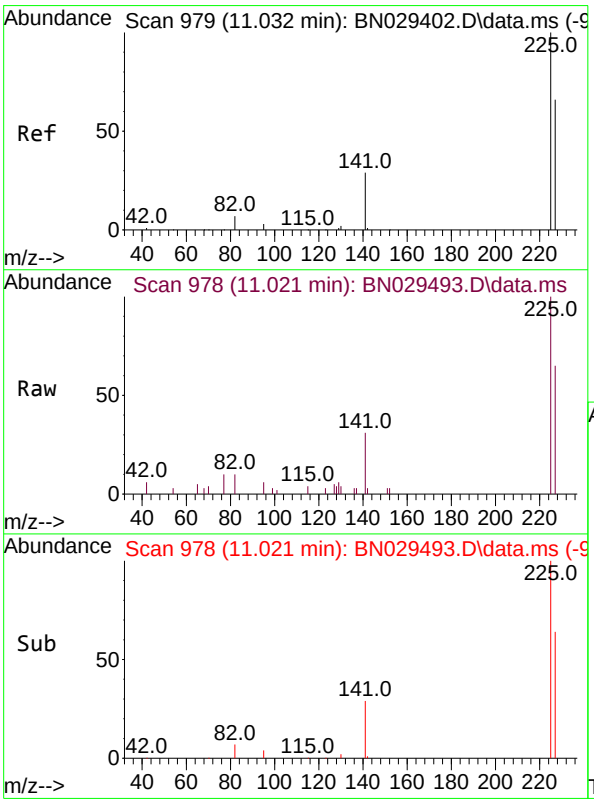
#9
Naphthalene
Concen: 0.389 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18601

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	12.9	10.8	16.2

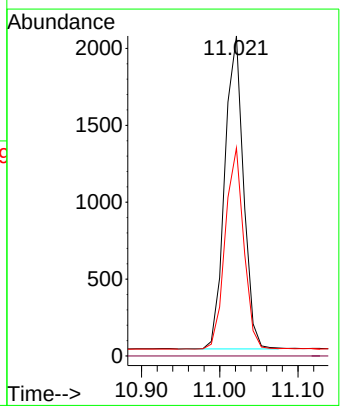


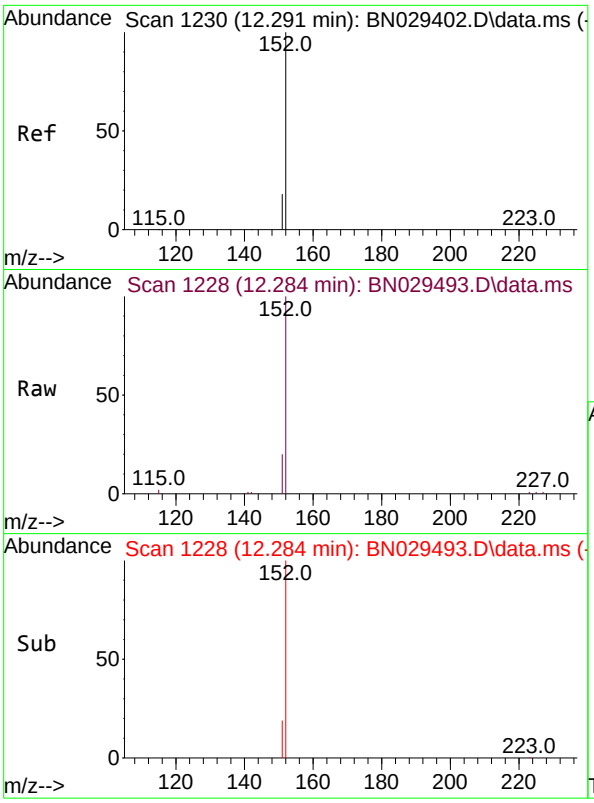


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:225 Resp: 3376

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



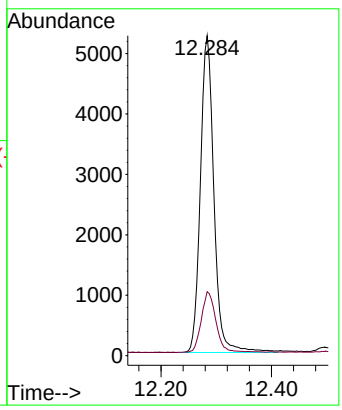


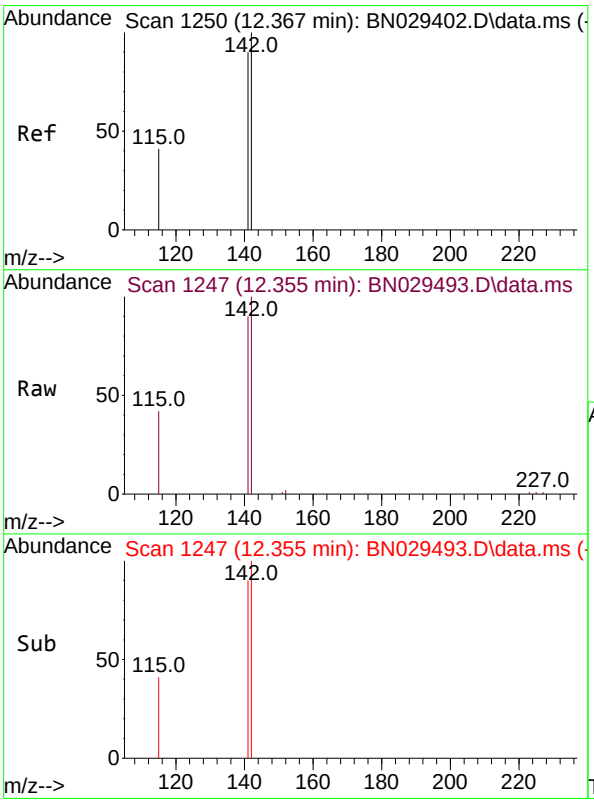
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.284 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8956

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.1	25.7

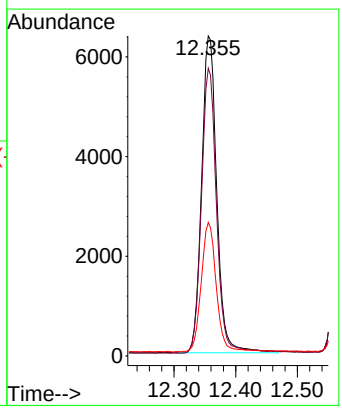


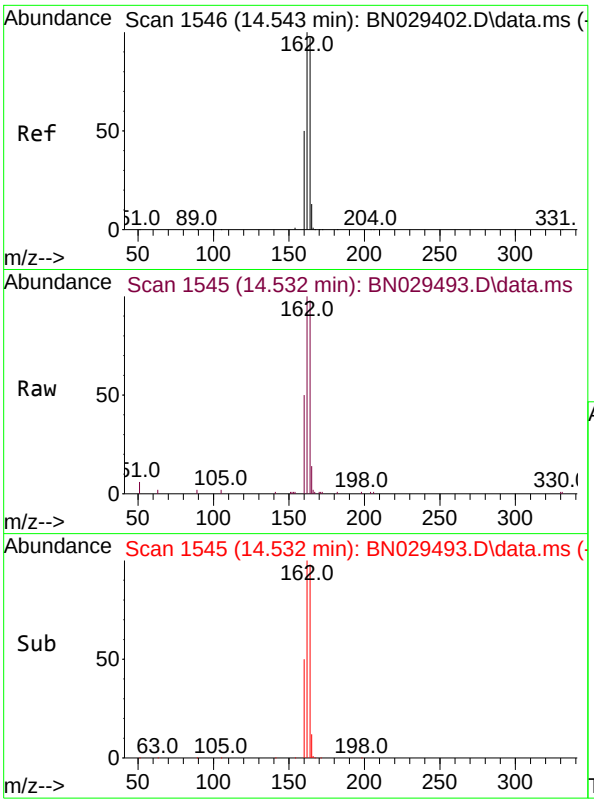


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:142 Resp: 10867

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	41.7	33.9	50.9



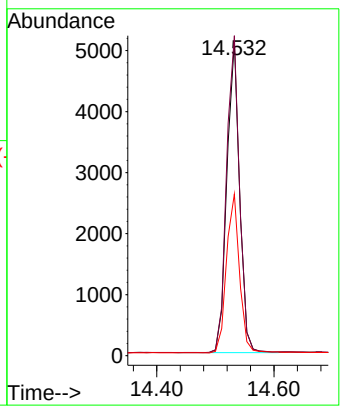


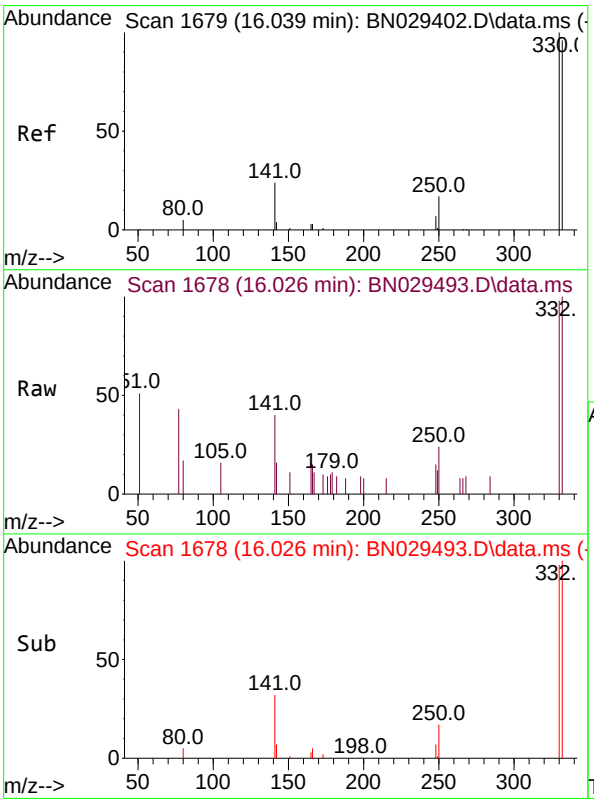
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7651

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	51.4	41.5	62.3

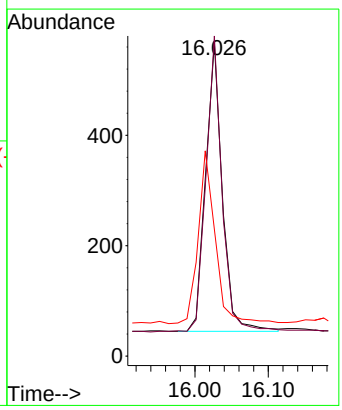


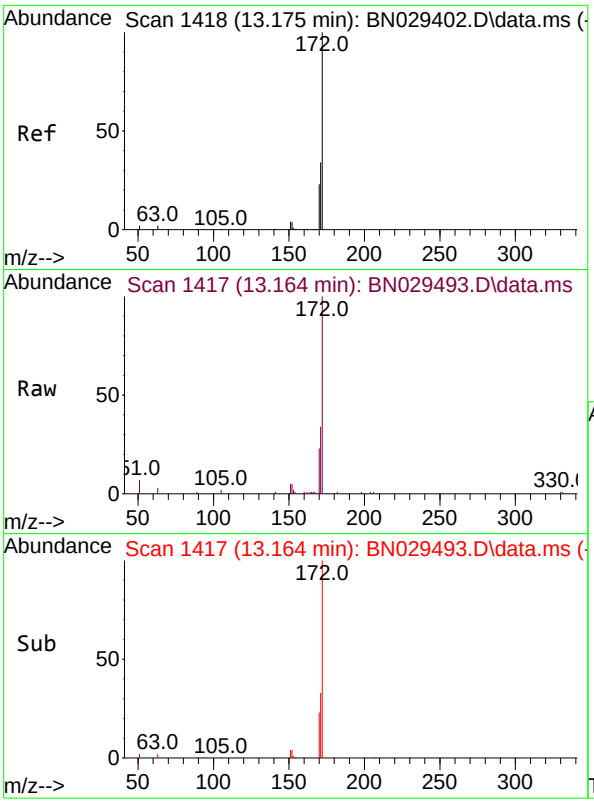


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:330 Resp: 826

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.0	114.0
141	61.0	43.4	65.2



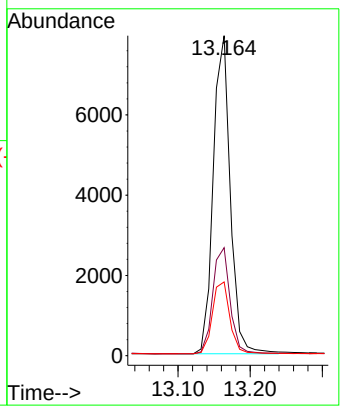


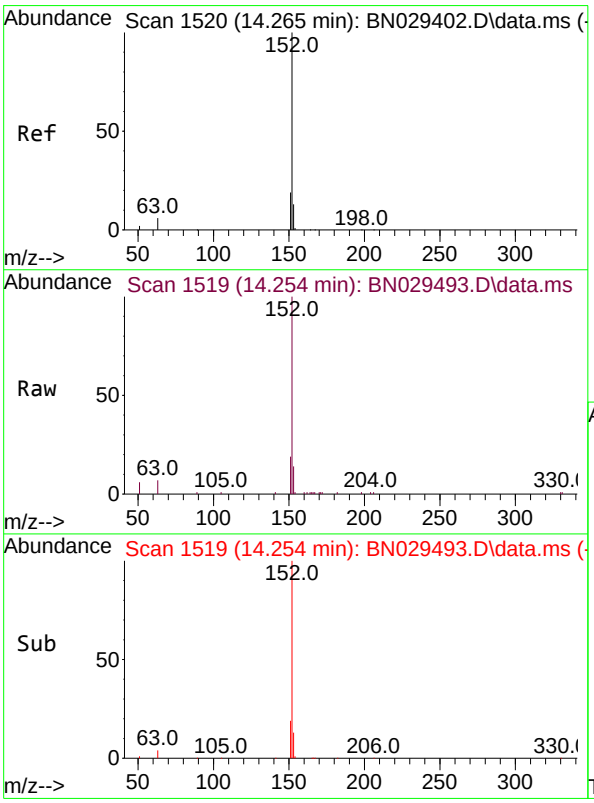
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12996

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.0	42.0
170	23.1	18.7	28.1

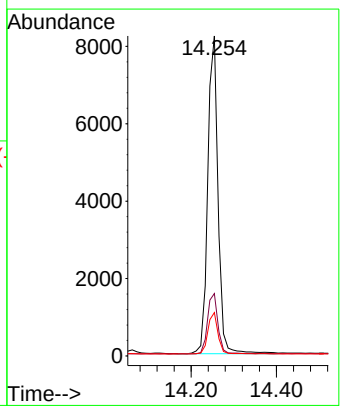


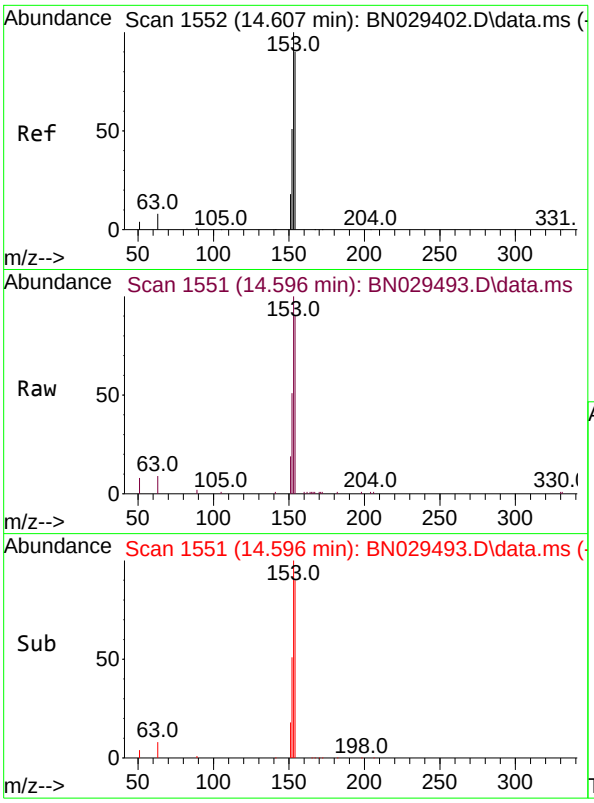


#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:152 Resp: 13724

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.9	10.5	15.7



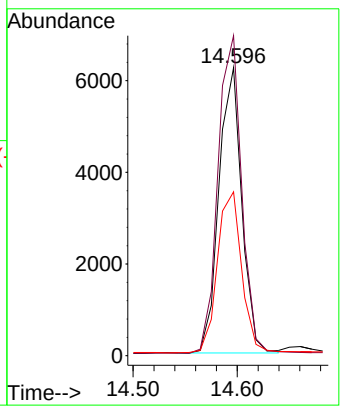


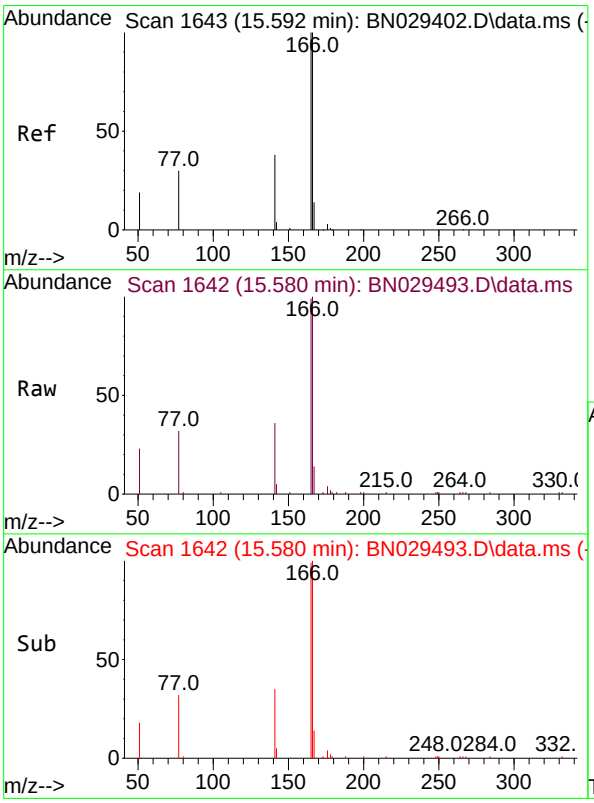
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9487

Ion	Ratio	Lower	Upper
154	100		
153	115.8	93.6	140.4
152	60.8	48.6	73.0

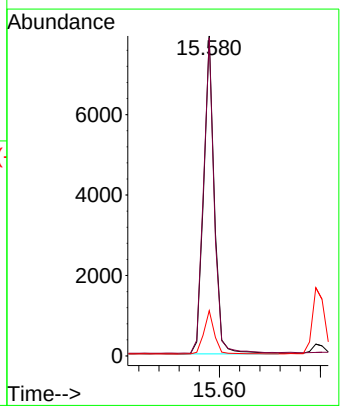


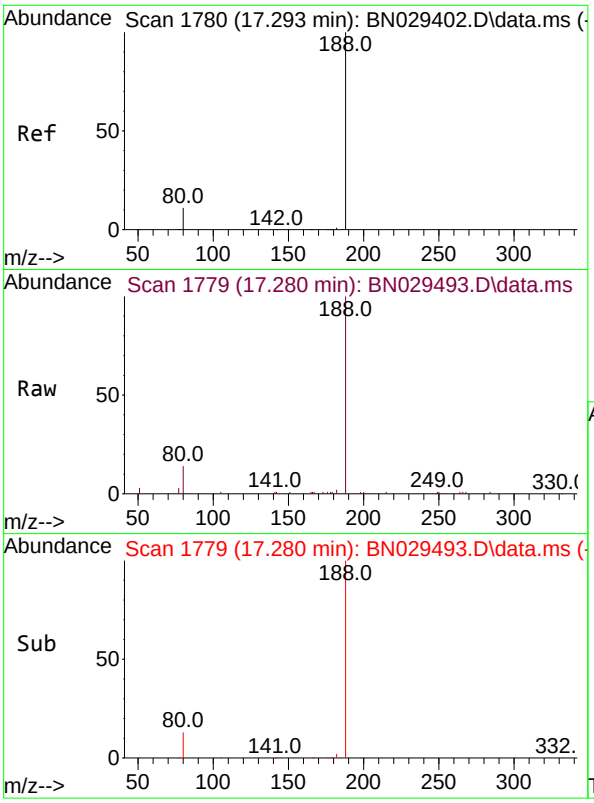


#18
Fluorene
Concen: 0.381 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:166 Resp: 11652

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.9	119.9
167	13.5	11.3	16.9



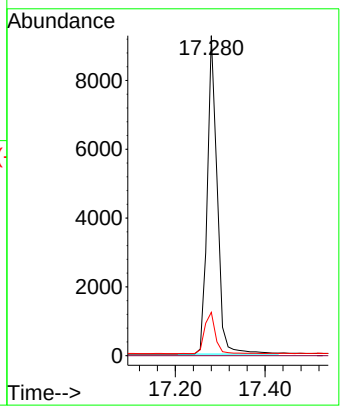


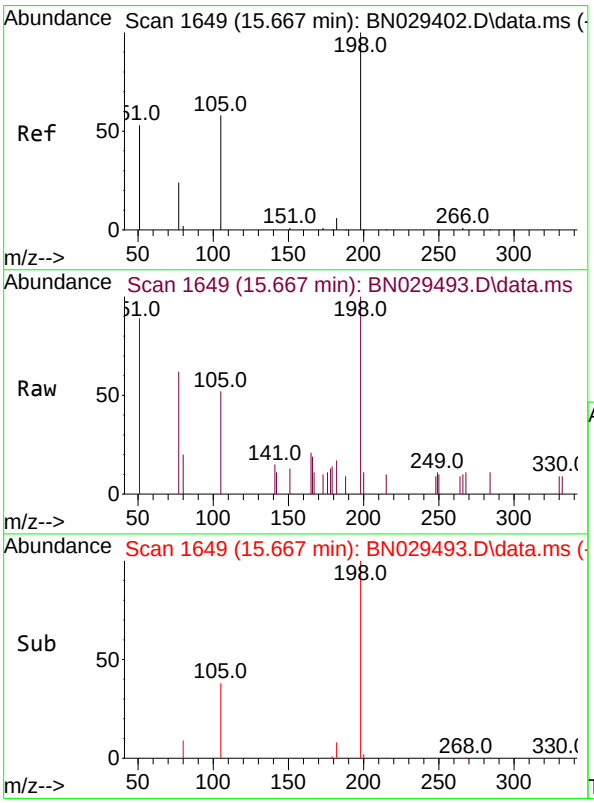
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	10.0	15.0

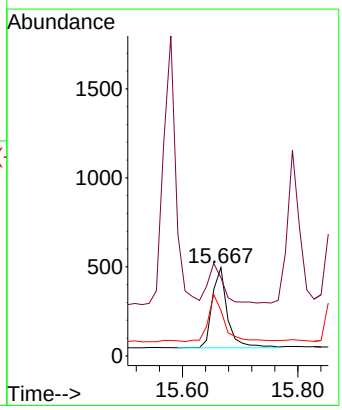


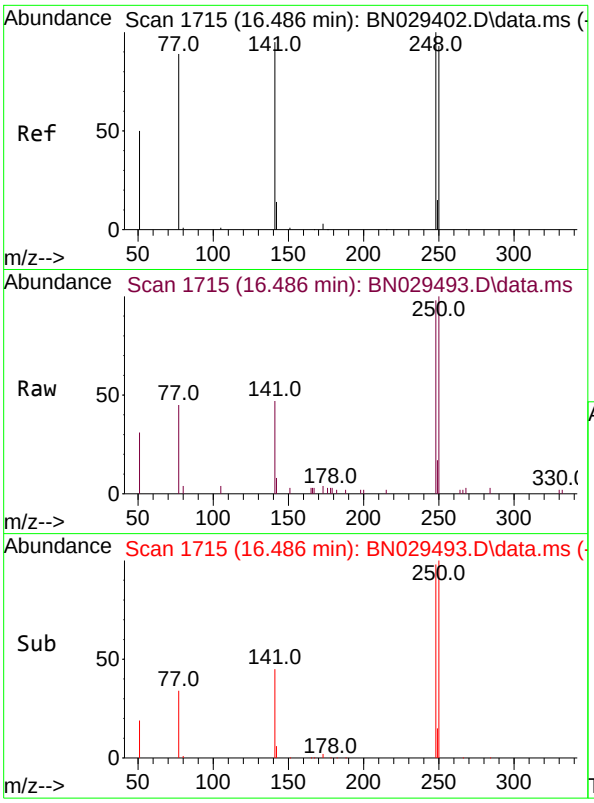


#20
4,6-Dinitro-2-methylphenol
Concen: 0.393 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:198 Resp: 821

Ion	Ratio	Lower	Upper
198	100		
51	88.5	111.0	166.6#
105	51.6	67.0	100.6#



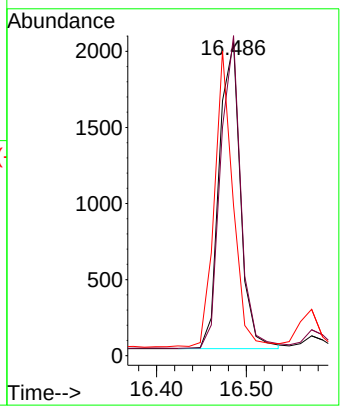


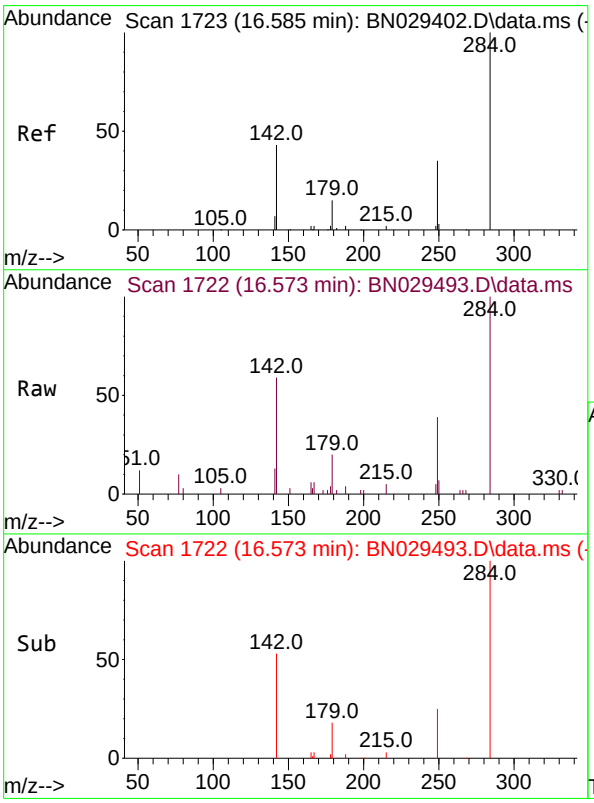
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3309

Ion	Ratio	Lower	Upper
248	100		
250	102.1	75.0	112.4
141	47.9	77.0	115.6#

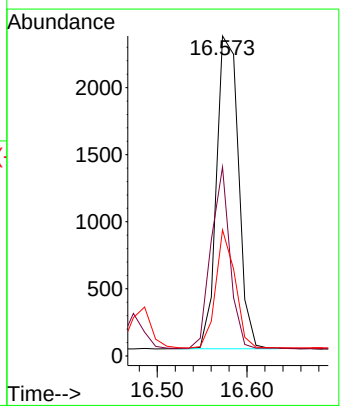


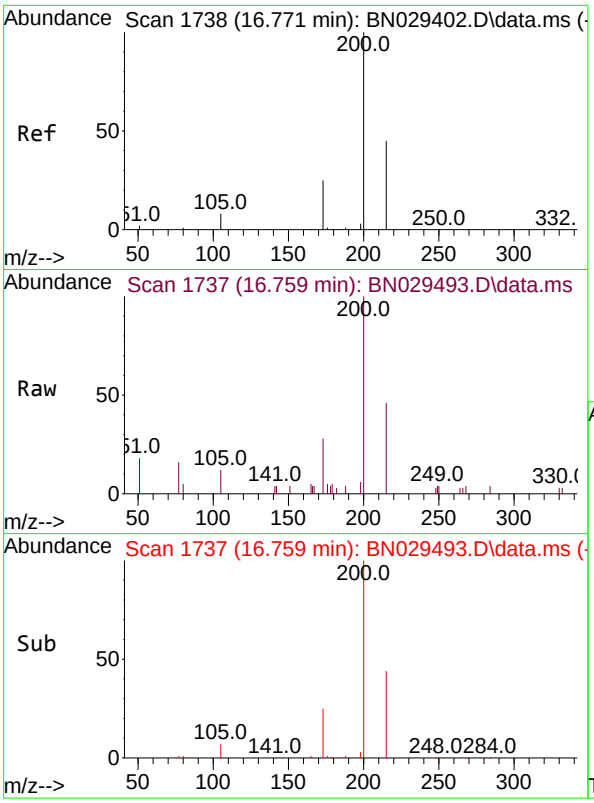


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:284 Resp: 3969

Ion	Ratio	Lower	Upper
284	100		
142	49.7	39.4	59.2
249	33.2	26.9	40.3



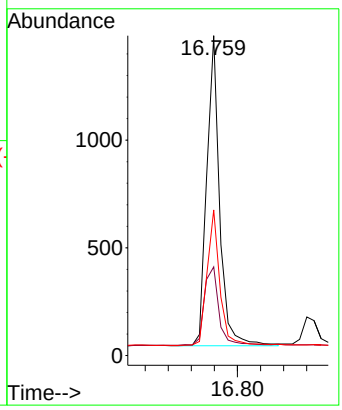


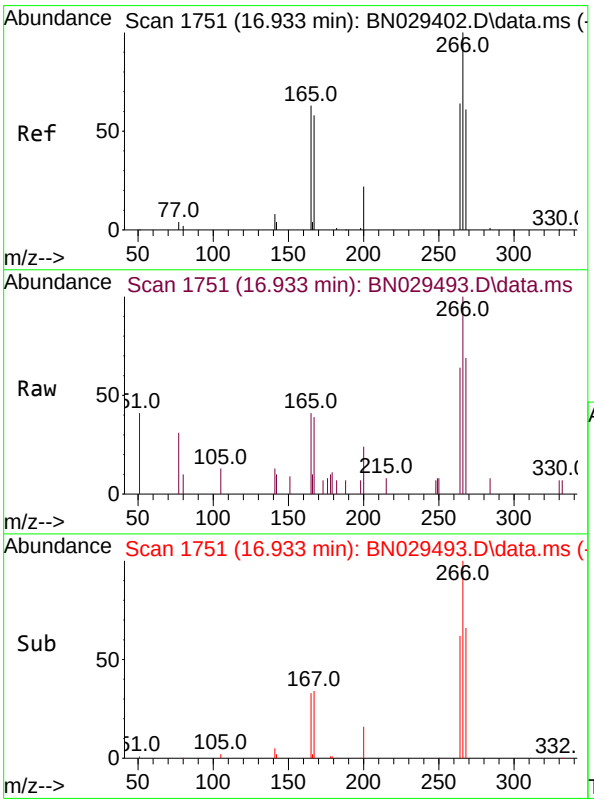
#23
Atrazine
Concen: 0.369 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2221

Ion	Ratio	Lower	Upper
200	100		
173	27.7	23.4	35.0
215	45.5	38.4	57.6

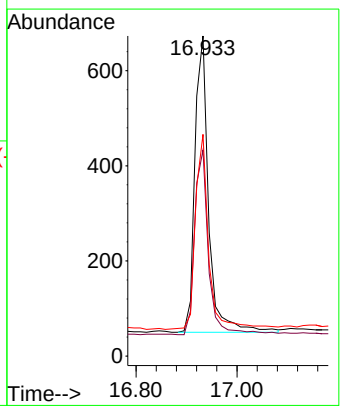


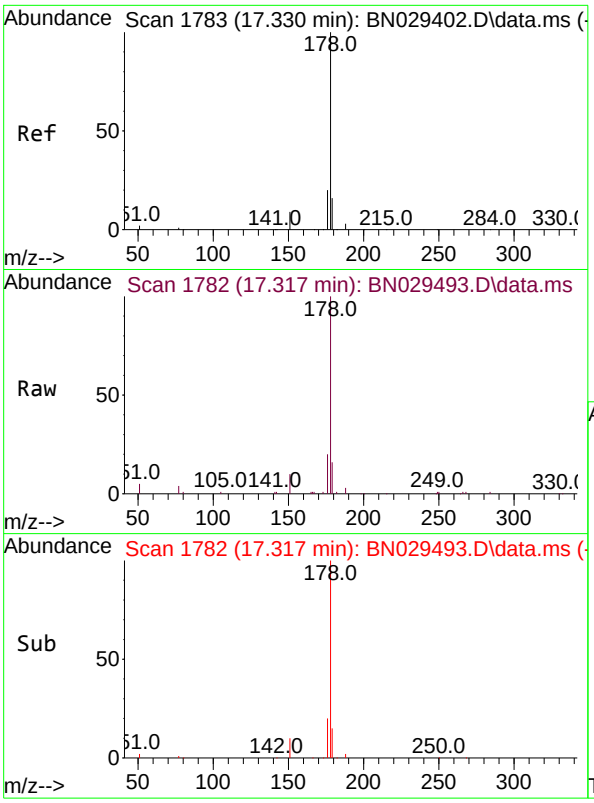


#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:266 Resp: 1179

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.8	76.2
268	64.4	51.5	77.3



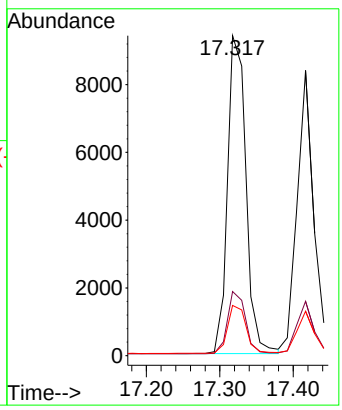


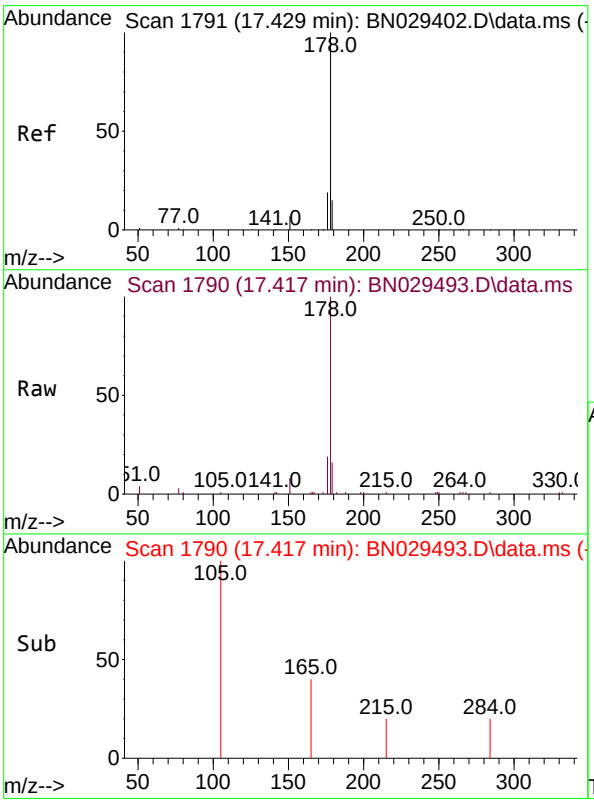
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 16367

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	12.6	19.0

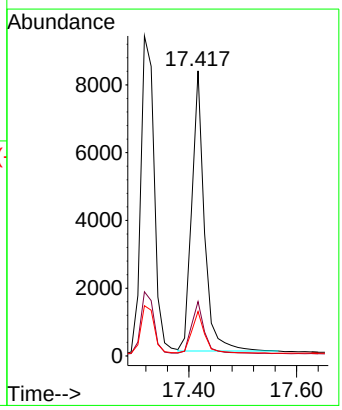


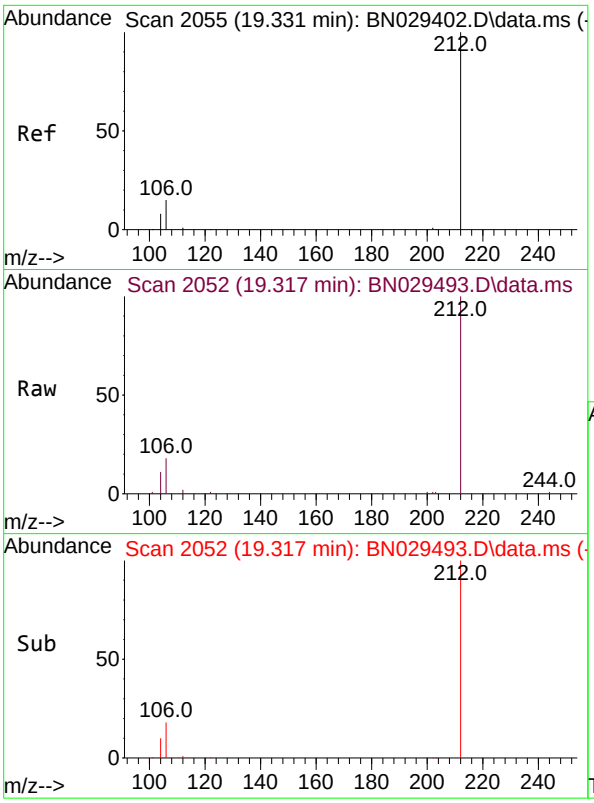


#26
Anthracene
Concen: 0.375 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:178 Resp: 13458

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.3	18.5



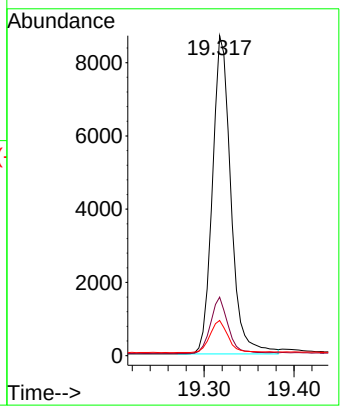


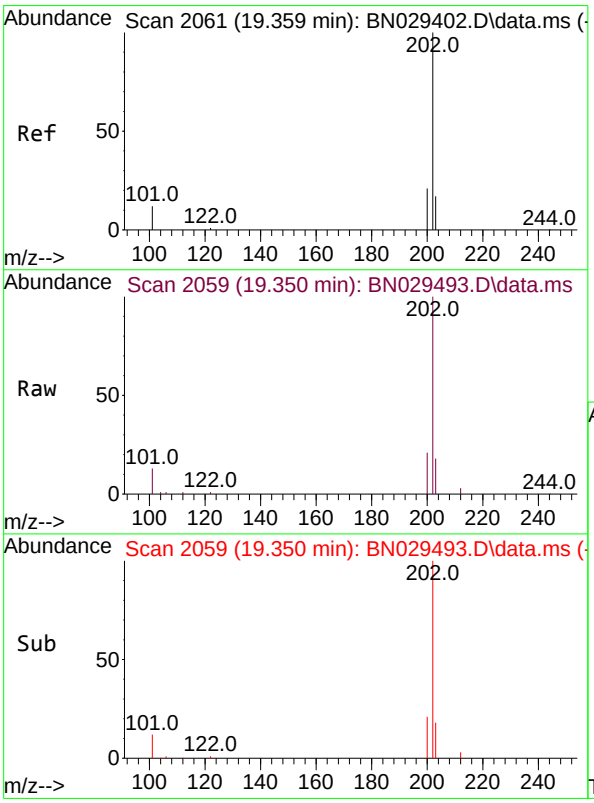
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.317 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 12363

Ion	Ratio	Lower	Upper
212	100		
106	16.8	13.2	19.8
104	10.1	7.7	11.5

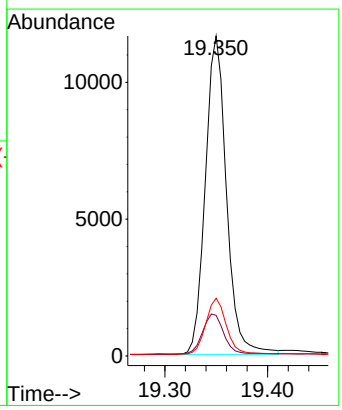


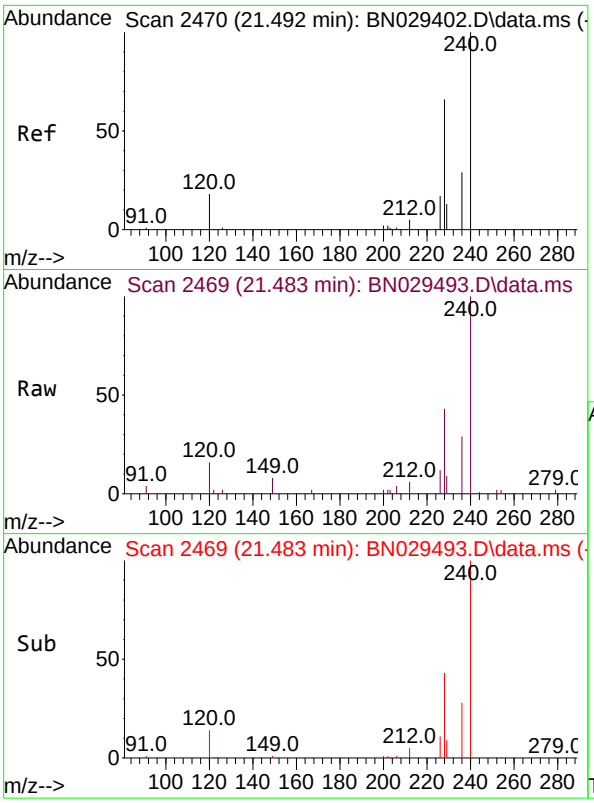


#28
Fluoranthene
Concen: 0.351 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:202 Resp: 16605

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
203	17.5	13.5	20.3



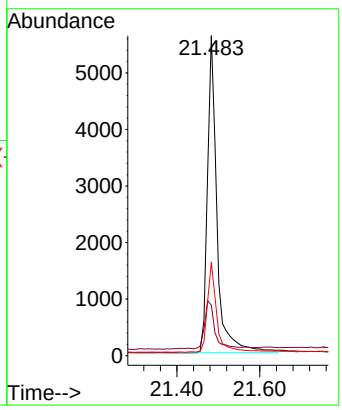


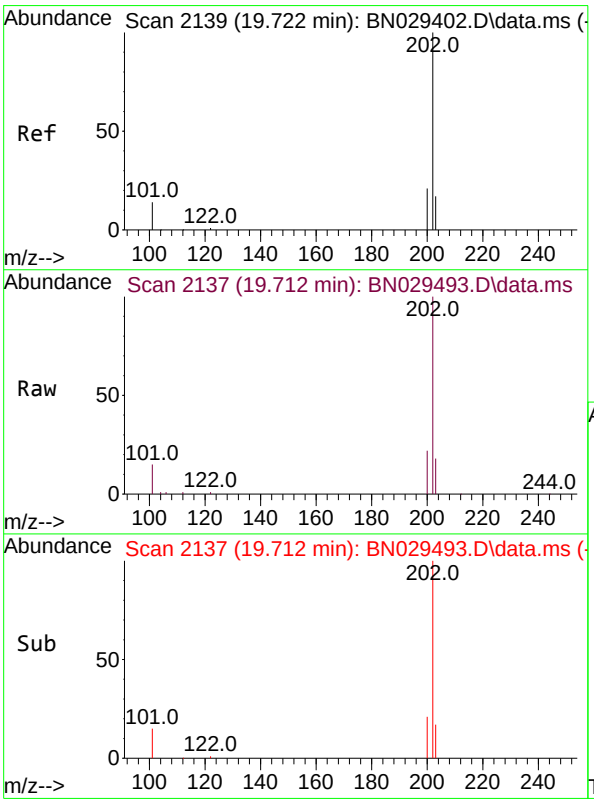
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8996

Ion	Ratio	Lower	Upper
240	100		
120	15.8	16.7	25.1#
236	29.2	23.9	35.9

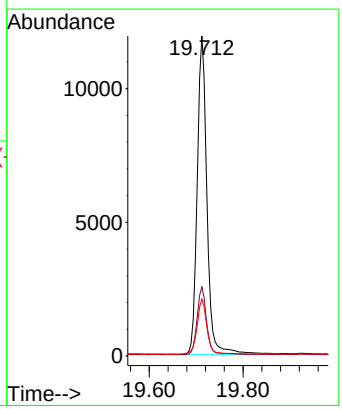


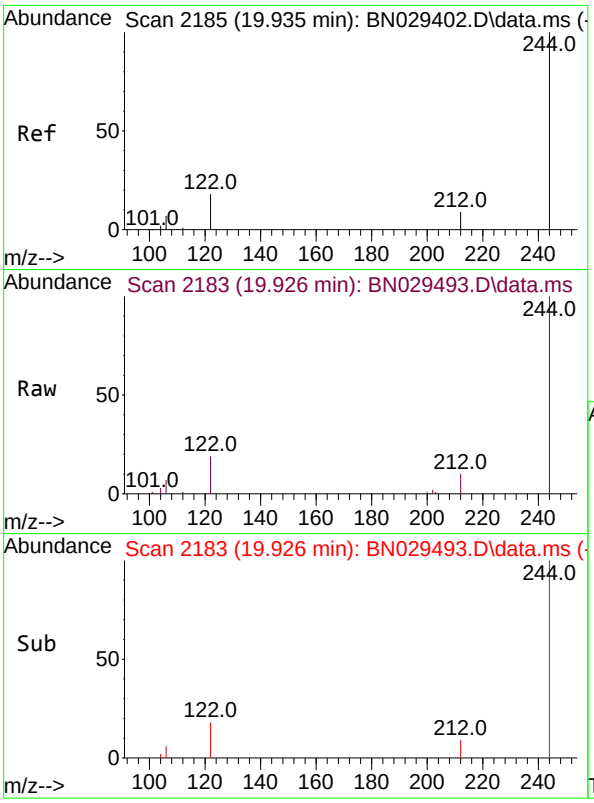


#30
Pyrene
Concen: 0.415 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:202 Resp: 17187

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.2	21.4



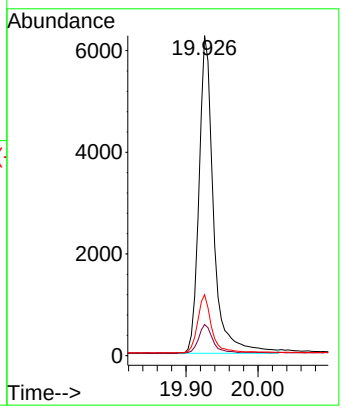


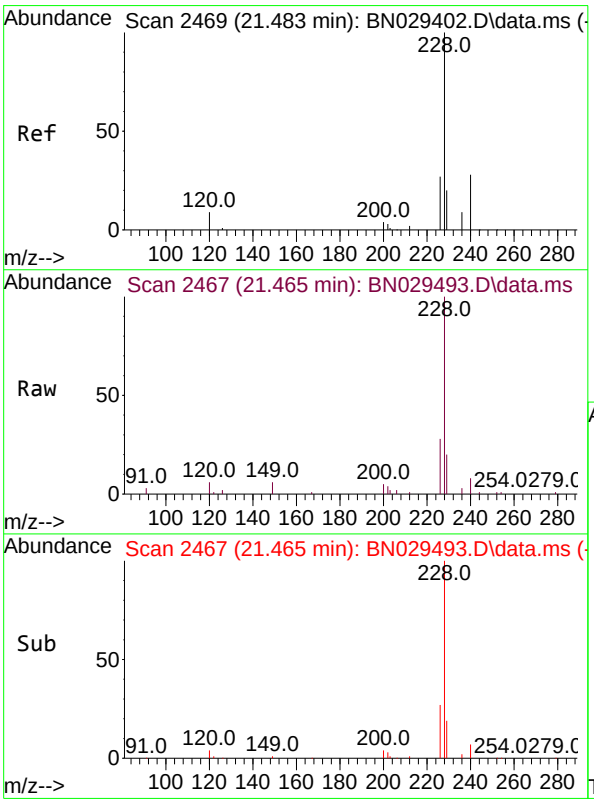
#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 8812

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.4
122	19.0	15.6	23.4

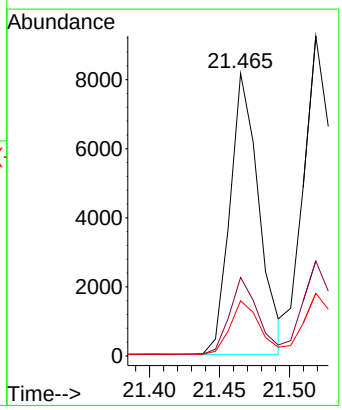


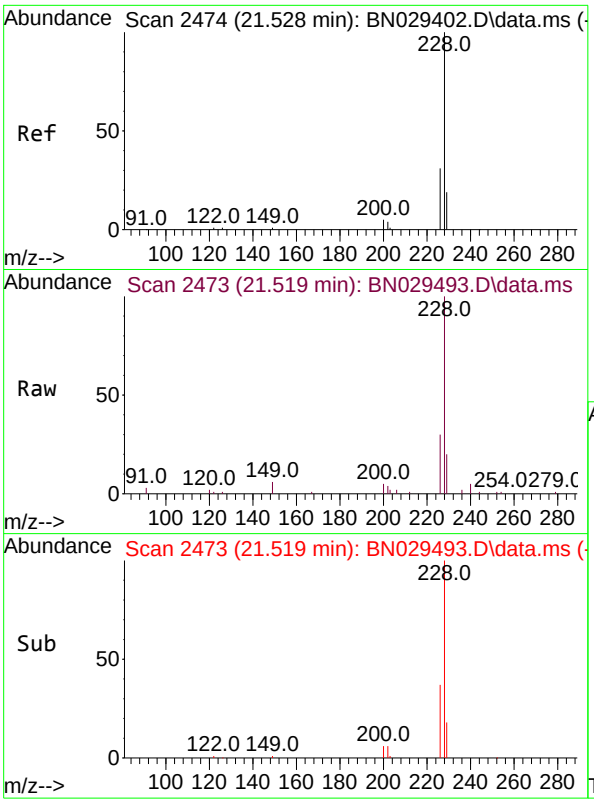


#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:228 Resp: 11701

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	19.5	16.5	24.7



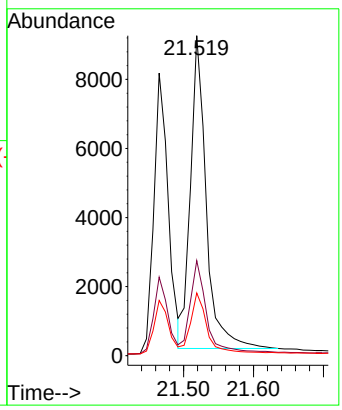


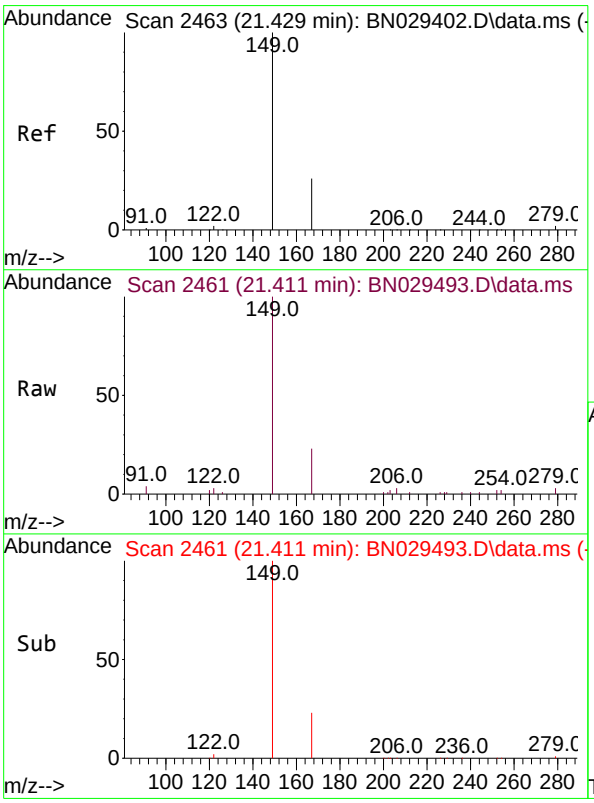
#33
Chrysene
Concen: 0.406 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14170

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.6	15.9	23.9

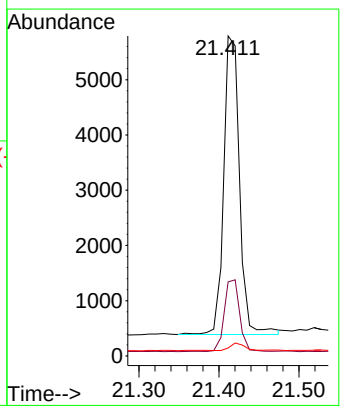


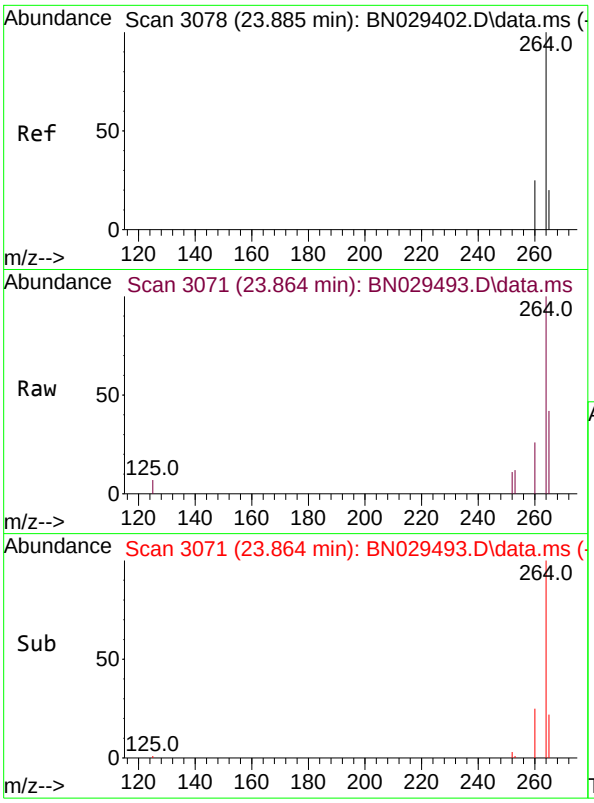


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.411 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:149 Resp: 7435

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.1	30.1
279	2.3	2.5	3.7#



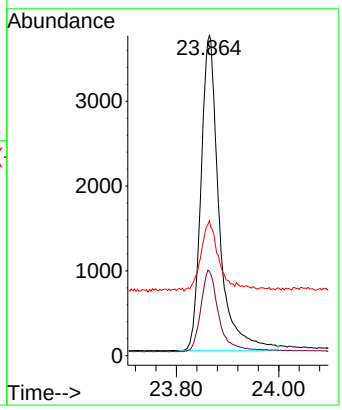


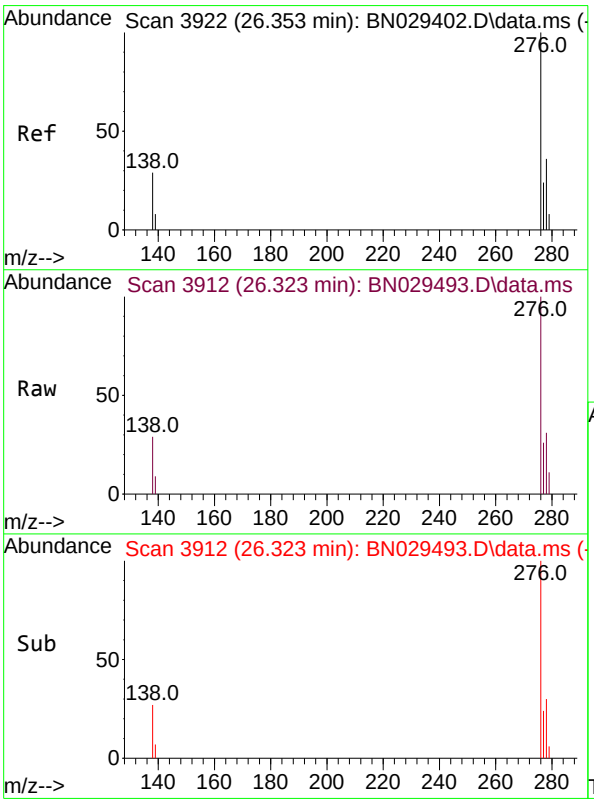
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 9164

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.2	31.8
265	42.2	41.5	62.3

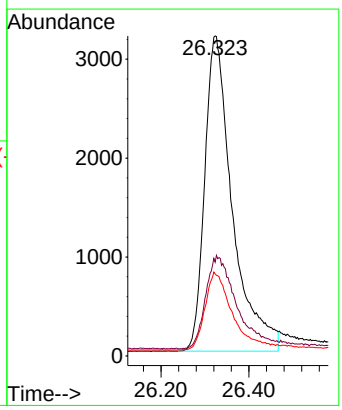


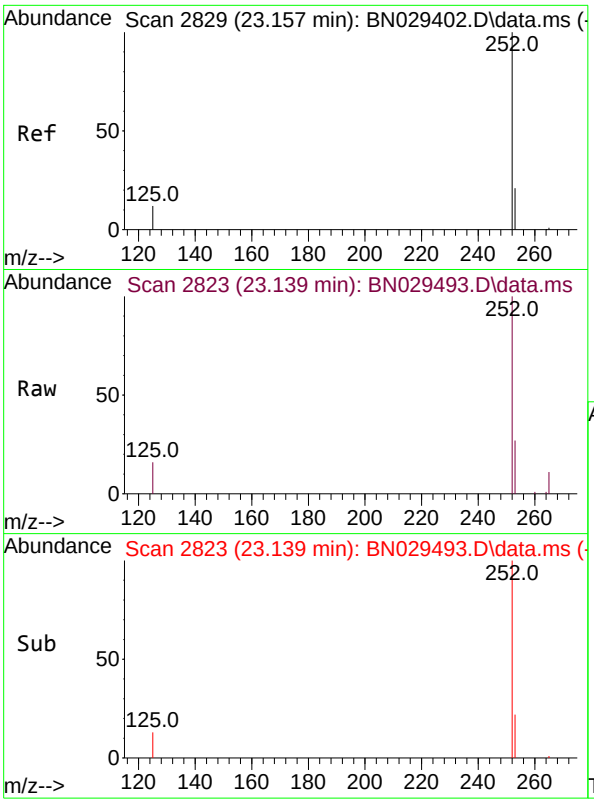


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.323 min Scan# 3912
Delta R.T. -0.012 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:276 Resp: 13946

Ion	Ratio	Lower	Upper
276	100		
138	33.3	20.5	30.7#
277	24.6	17.0	25.4



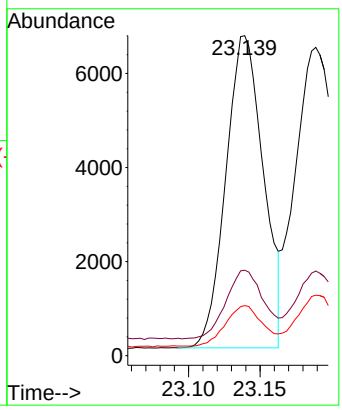


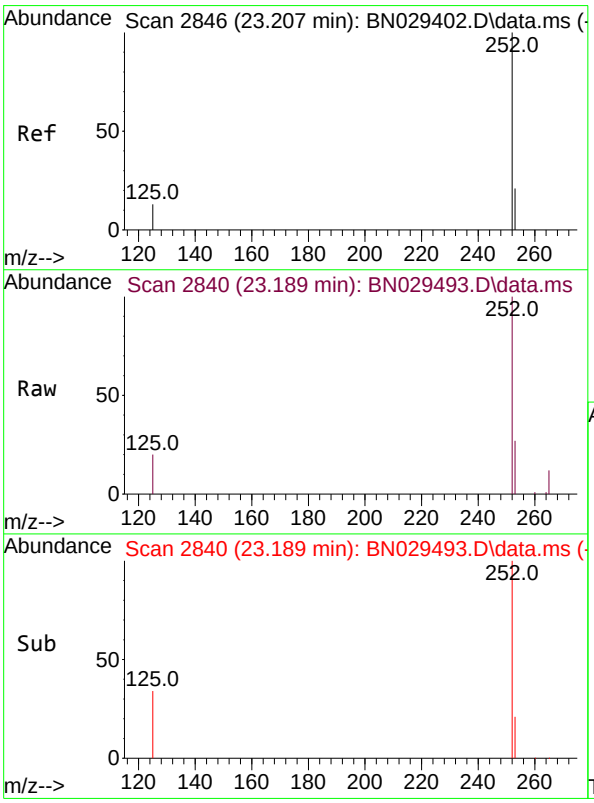
#37
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.139 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12130

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.7	32.5
125	15.6	13.3	19.9

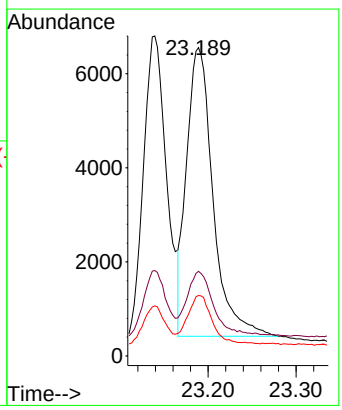


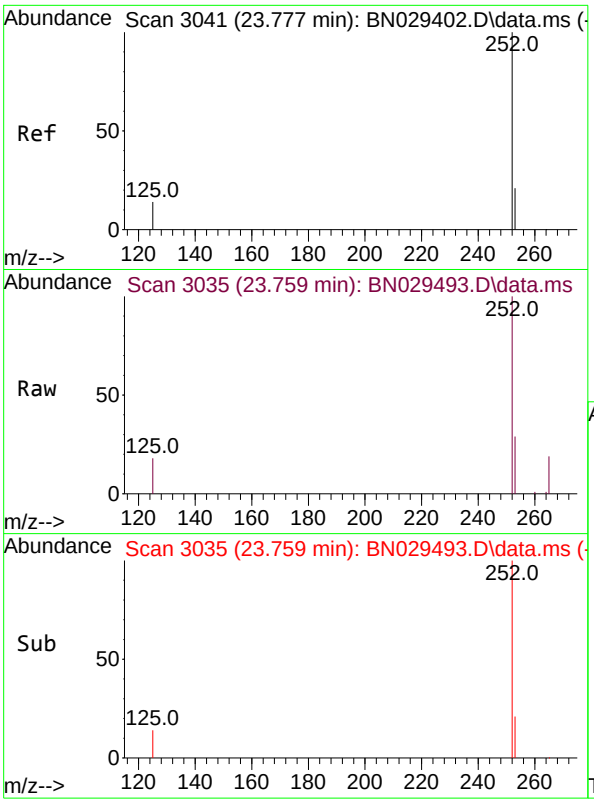


#38
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 23.189 min Scan# 2840
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:252 Resp: 12855

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.8	32.8
125	19.6	13.9	20.9



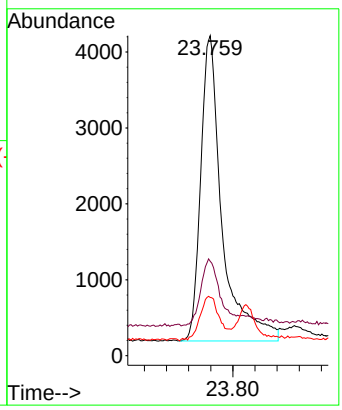


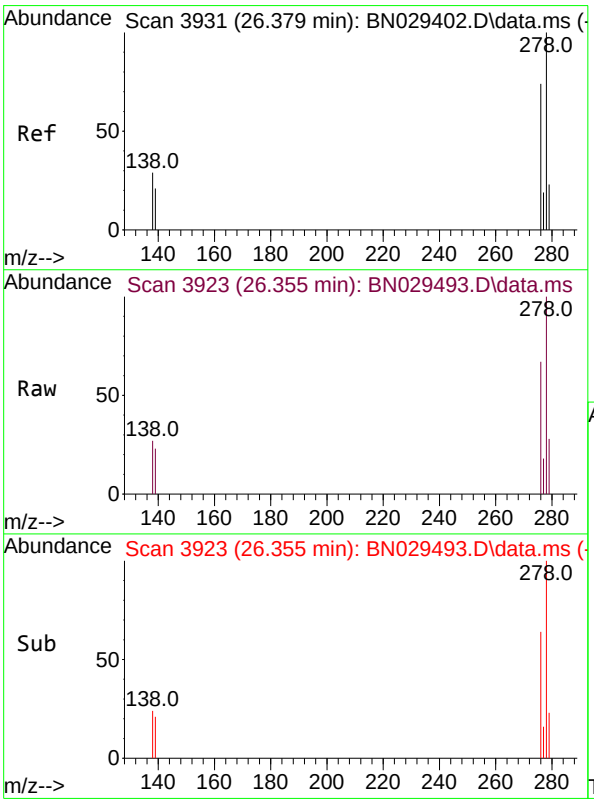
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.759 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10817

Ion	Ratio	Lower	Upper
252	100		
253	29.5	24.9	37.3
125	18.2	16.6	25.0

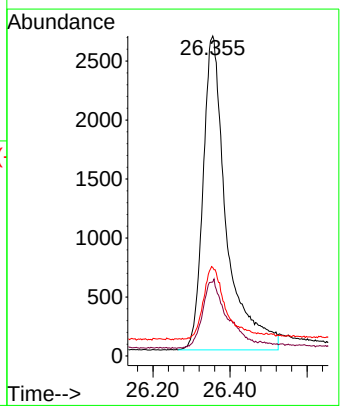


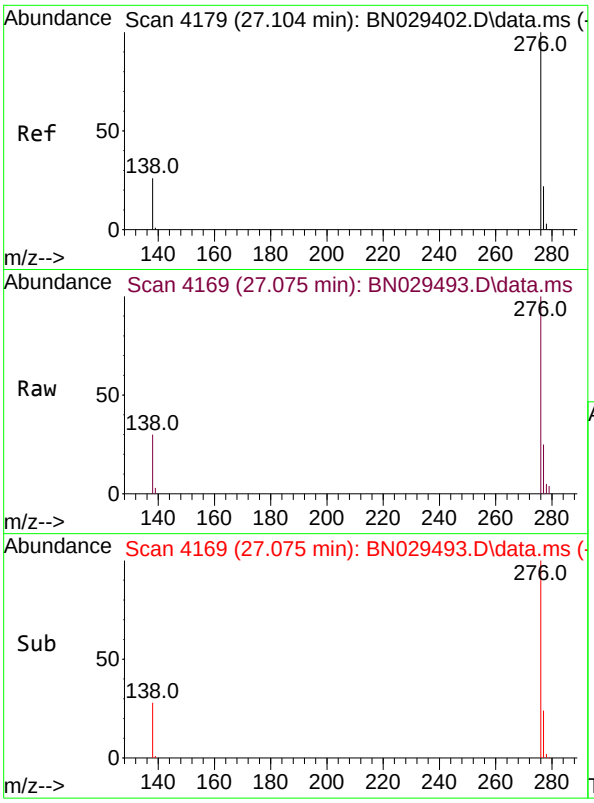


#40
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Tgt Ion:278 Resp: 11220

Ion	Ratio	Lower	Upper
278	100		
139	23.1	20.4	30.6
279	27.6	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.075 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN029493.D
Acq: 02 Feb 2024 09:51

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13661

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	29.9	23.5	35.3