Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029385.D
Acq On : 25 Jan 2024 13:55
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 26 01:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:26:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	3138	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	9152	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5065	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	11106	0.400	ng		0.00
29) Chrysene-d12	21.510	240	10232	0.400	ng		0.00
35) Perylene-d12	23.903	264	10272	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	14523	1.693	ng		0.00
5) Phenol-d6	7.074	99	19145	1.662	ng		0.00
8) Nitrobenzene-d5	9.068	82	16139	1.675	ng		-0.01
11) 2-Methylnaphthalene-d10	12.303	152	25825	1.769	ng		0.00
14) 2,4,6-Tribromophenol	16.052	330	3626	1.625	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	39613	1.692	ng		0.00
27) Fluoranthene-d10	19.341	212	56543	1.767	ng		0.00
31) Terphenyl-d14	19.949	244	43620	1.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	7240	1.712	ng		99
3) n-Nitrosodimethylamine	3.709	42	7552	1.835	ng	#	99
6) bis(2-Chloroethyl)ether	7.349	93	18329	1.709	ng		99
9) Naphthalene	10.765	128	49715	1.708	ng		99
10) Hexachlorobutadiene	11.043	225	9084	1.705	ng	#	99
12) 2-Methylnaphthalene	12.374	142	32487	1.734	ng		99
16) Acenaphthylene	14.265	152	47091	1.758	ng		100
17) Acenaphthene	14.618	154	30716	1.716	ng		98
18) Fluorene	15.605	166	41214	1.733	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	3475	1.805	ng	#	72
21) 4-Bromophenyl-phenylether	16.498	248	12839	1.703	ng		98
22) Hexachlorobenzene	16.598	284	14979	1.731	ng		100
23) Atrazine	16.771	200	9893	1.749	ng		98
24) Pentachlorophenol	16.945	266	5772	1.798	ng		100
25) Phenanthrene	17.342	178	64292	1.700	ng		100
26) Anthracene	17.442	178	57930	1.735	ng		99
28) Fluoranthene	19.369	202	78448	1.766	ng		100
30) Pyrene	19.736	202	79246	1.705	ng		100
32) Benzo(a)anthracene	21.492	228	73718	1.770	ng		99
33) Chrysene	21.546	228	76294	1.762	ng		100
34) Bis(2-ethylhexyl)phtha...	21.447	149	39513	1.546	ng		99
36) Indeno(1,2,3-cd)pyrene	26.382	276	79681	1.792	ng		100
37) Benzo(b)fluoranthene	23.175	252	76309	1.757	ng		97
38) Benzo(k)fluoranthene	23.224	252	75325	1.781	ng		96
39) Benzo(a)pyrene	23.797	252	62362	1.780	ng		93
40) Dibenzo(a,h)anthracene	26.411	278	64928	1.816	ng		95
41) Benzo(g,h,i)perylene	27.139	276	68717	1.768	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029385.D
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Operator : MA/JU
Sample : SSTDICC1.6
Misc :
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Instrument :
BNA_N
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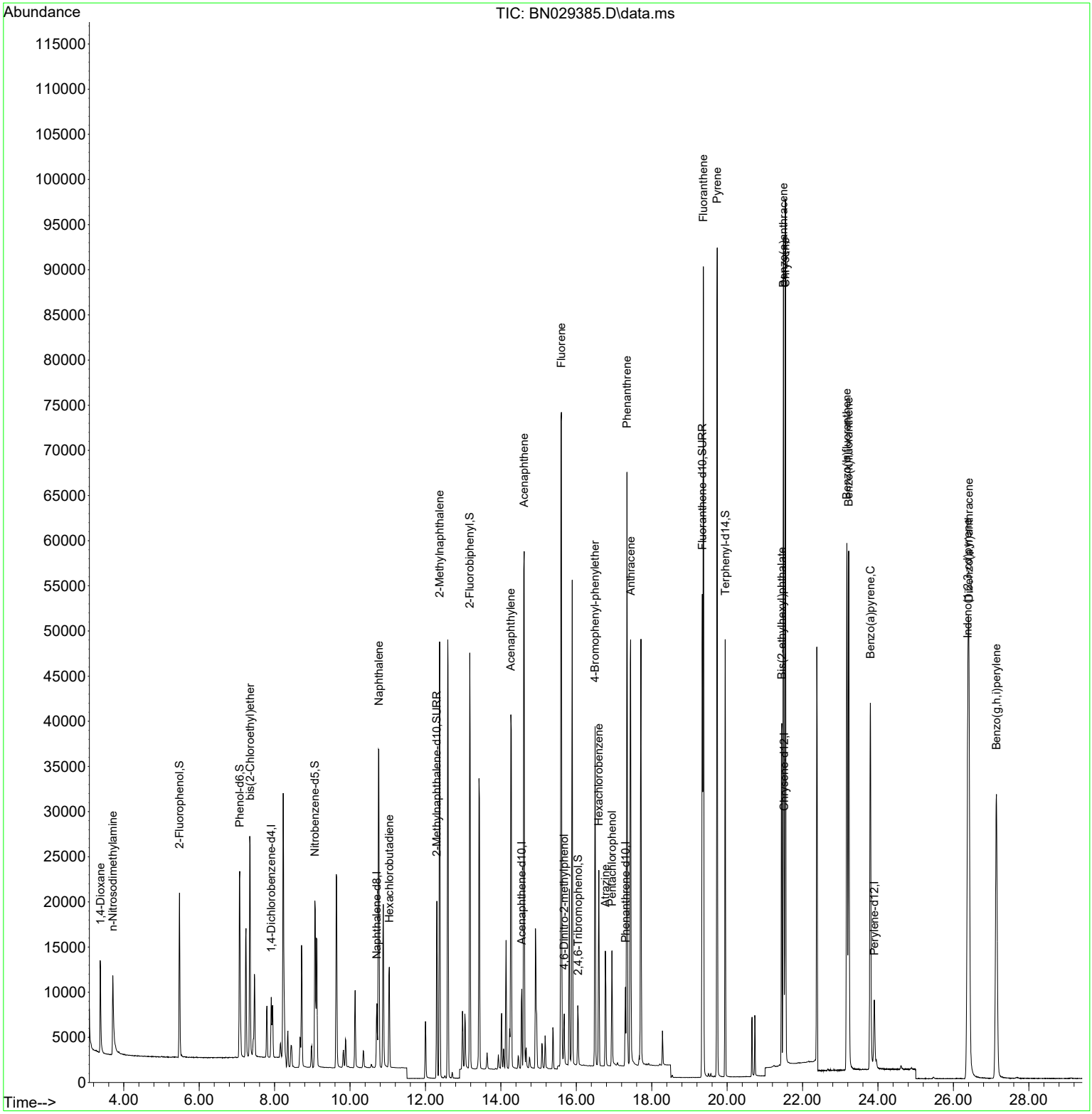
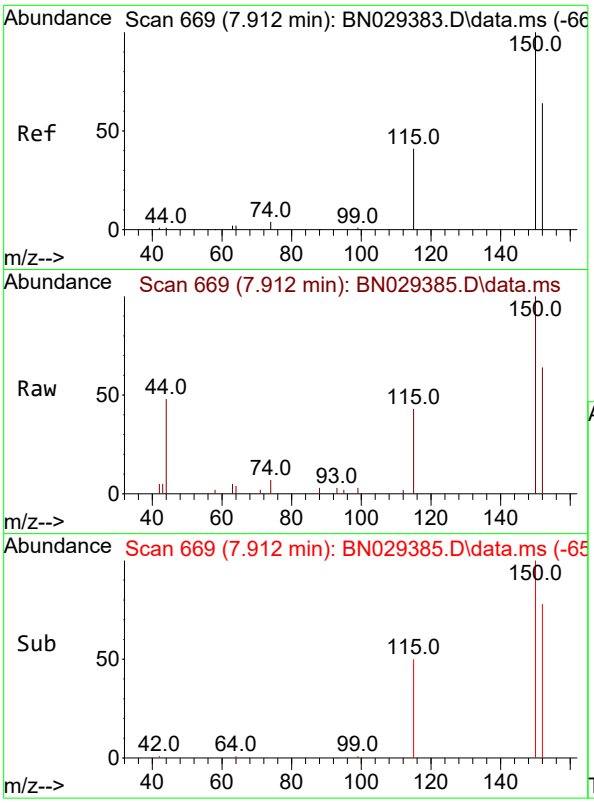
Quant Time: Jan 26 01:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:26:21 2024
Response via : Initial Calibration



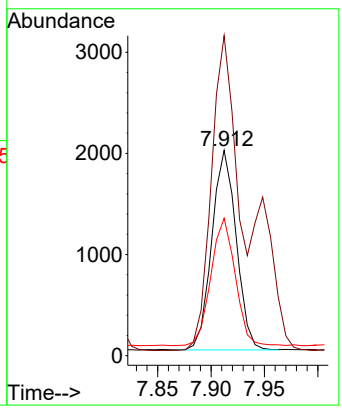


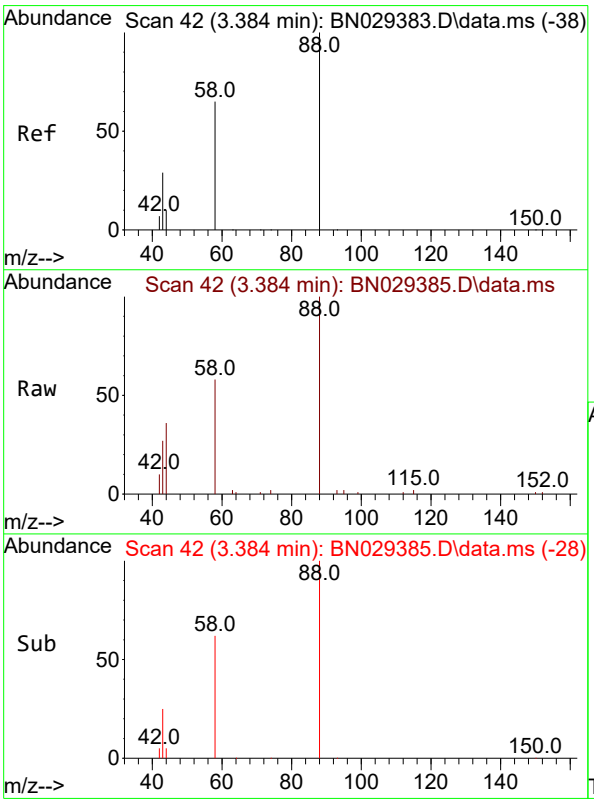
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3138

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.6	185.4
115	67.0	53.2	79.8

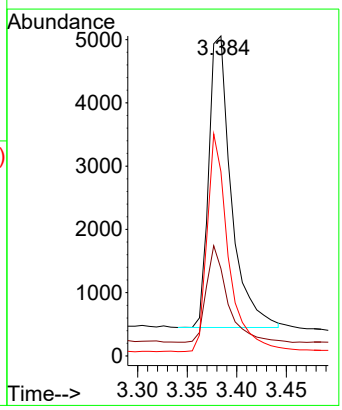


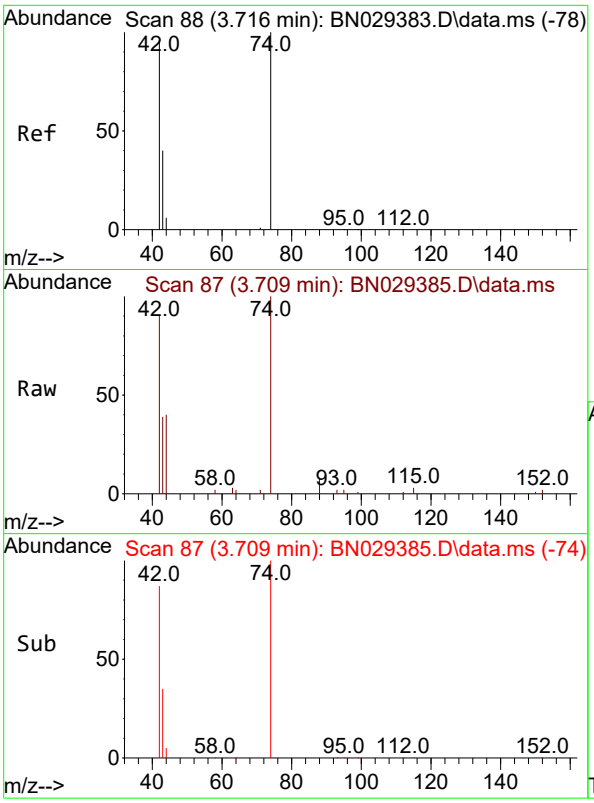


#2
1,4-Dioxane
Concen: 1.712 ng
RT: 3.384 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion: 88 Resp: 7240

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.3	37.9
58	70.8	56.9	85.3



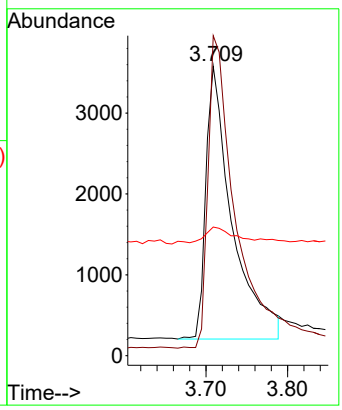


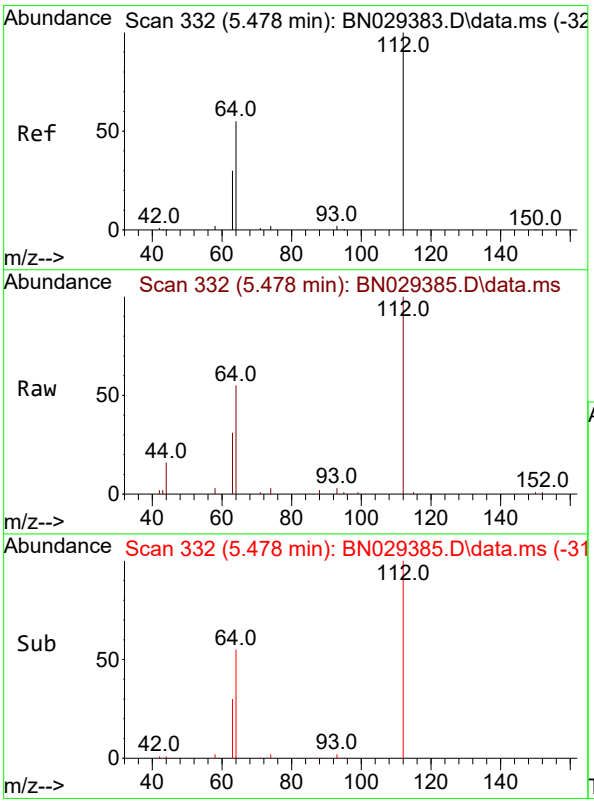
#3
n-Nitrosodimethylamine
Concen: 1.835 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 7552

Ion	Ratio	Lower	Upper
42	100		
74	117.6	93.5	140.3
44	7.2	3.1	4.7#

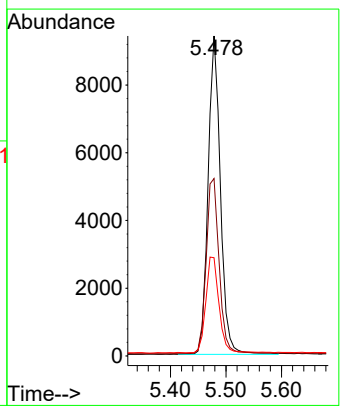


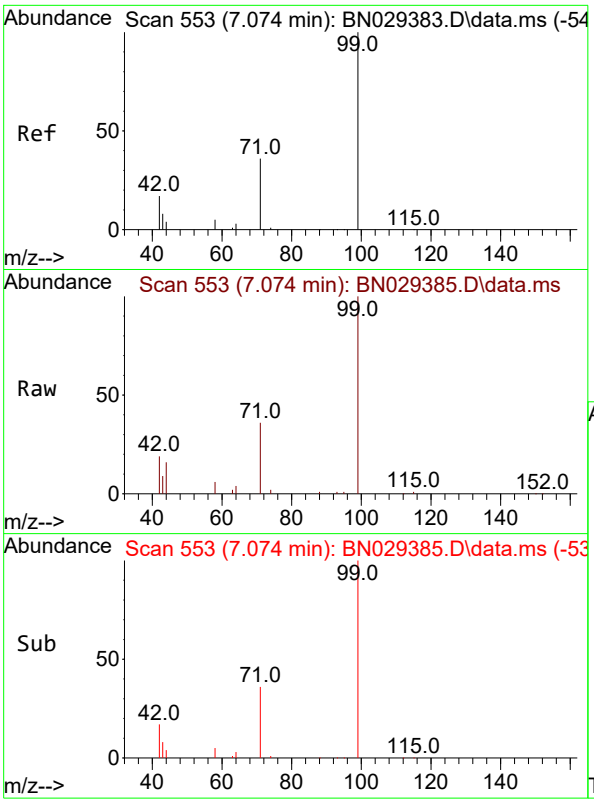


#4
2-Fluorophenol
Concen: 1.693 ng
RT: 5.478 min Scan# 332
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:112 Resp: 14523

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.2	69.4
63	32.0	25.8	38.8



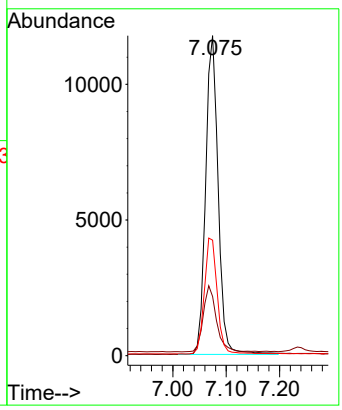


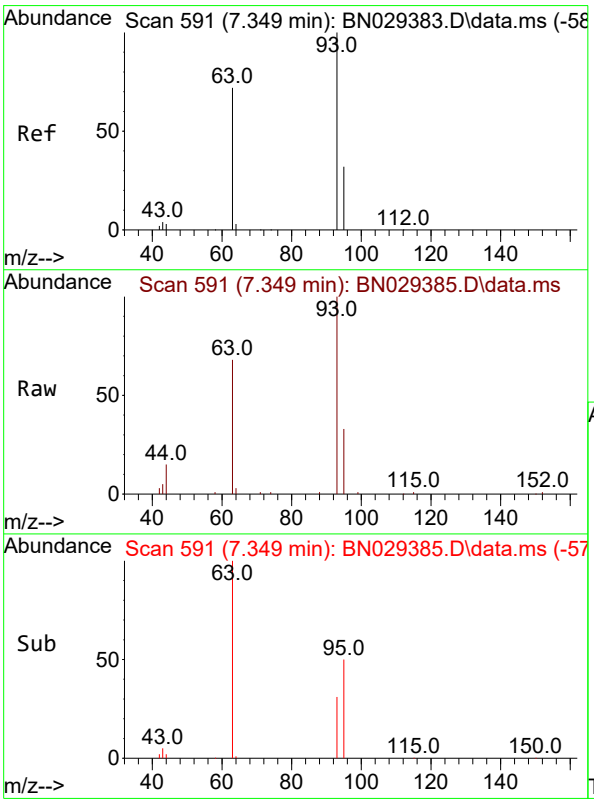
#5
Phenol-d6
Concen: 1.662 ng
RT: 7.074 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 19145

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.9	25.3
71	37.8	29.7	44.5

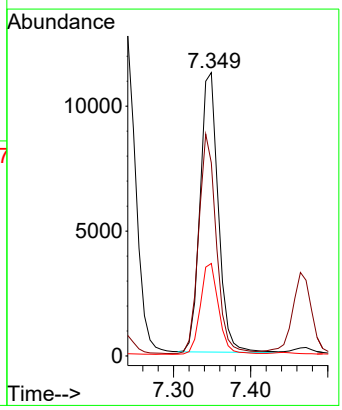


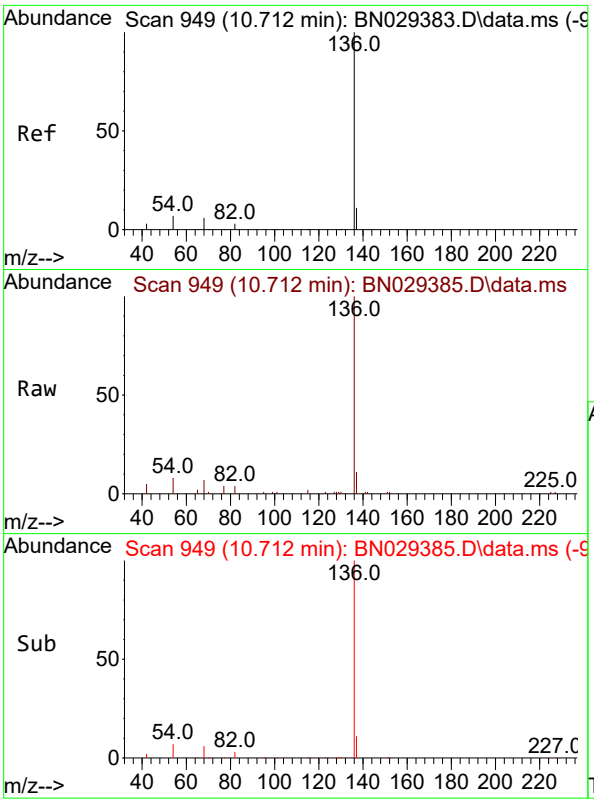


#6
bis(2-Chloroethyl)ether
Concen: 1.709 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion: 93 Resp: 18329

Ion	Ratio	Lower	Upper
93	100		
63	76.5	62.2	93.2
95	32.8	26.3	39.5



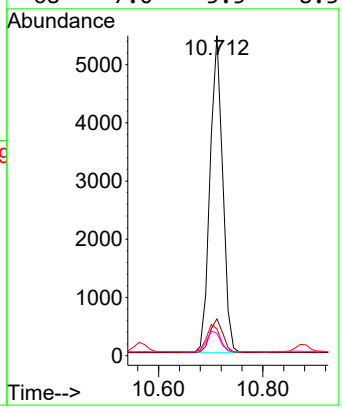


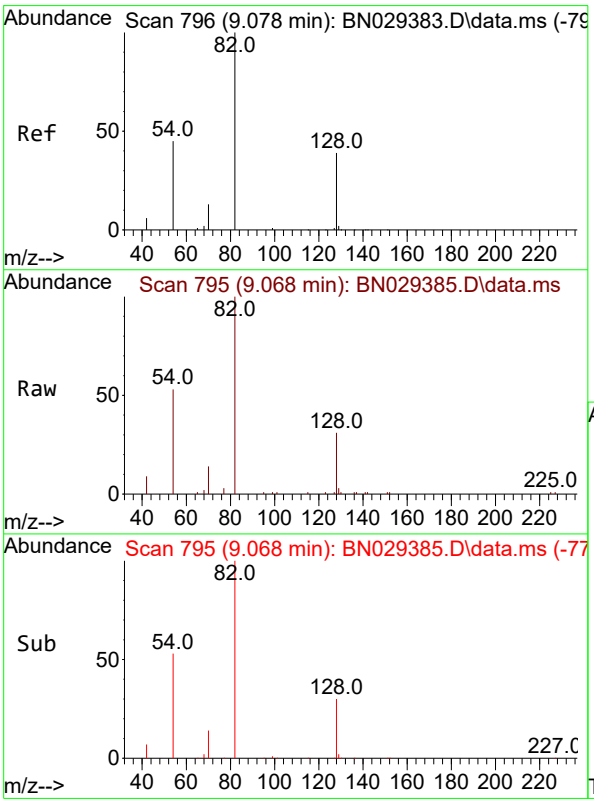
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 9152

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.4	6.4	9.6
68	7.0	5.5	8.3

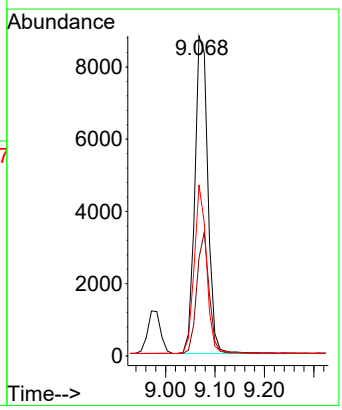


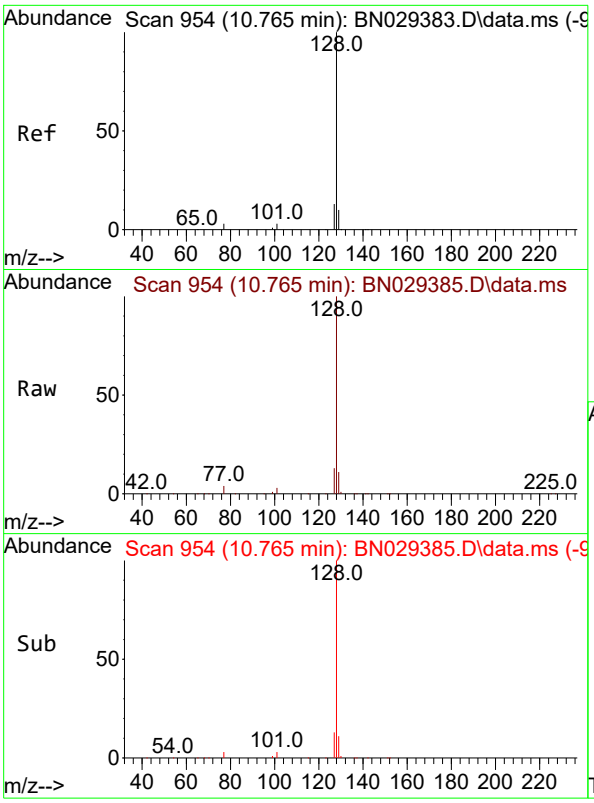


#8
Nitrobenzene-d5
Concen: 1.675 ng
RT: 9.068 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion: 82 Resp: 16139

Ion	Ratio	Lower	Upper
82	100		
128	30.6	33.0	49.6#
54	53.4	37.6	56.4



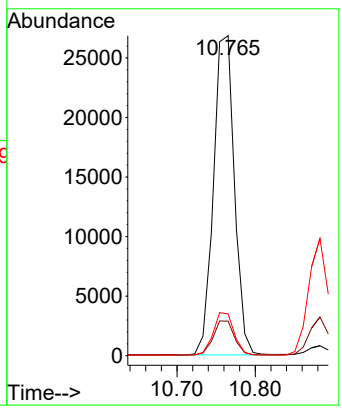


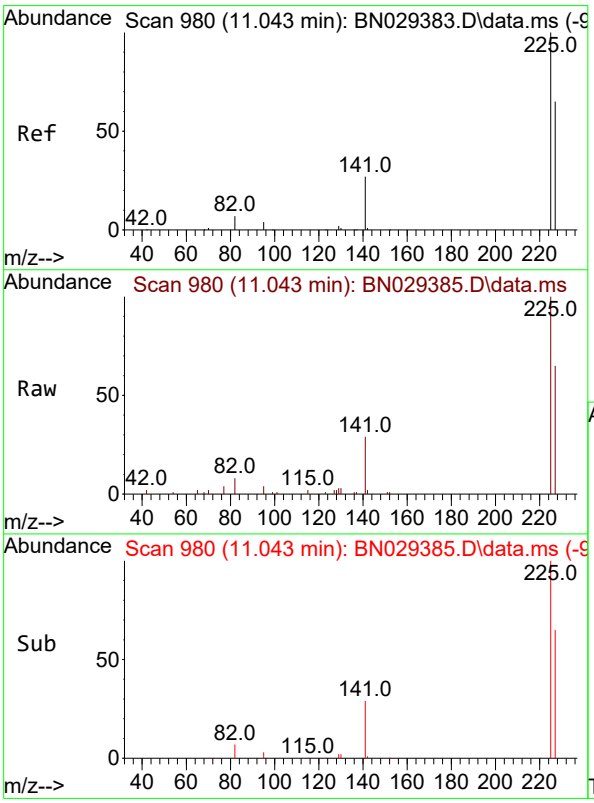
#9
Naphthalene
Concen: 1.708 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 49715

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.0	10.6	15.8

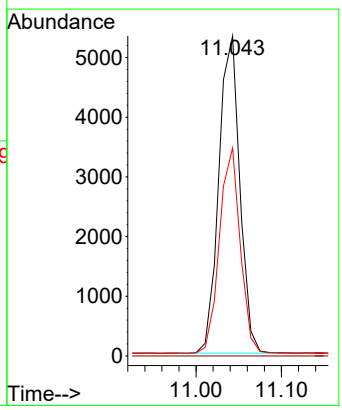


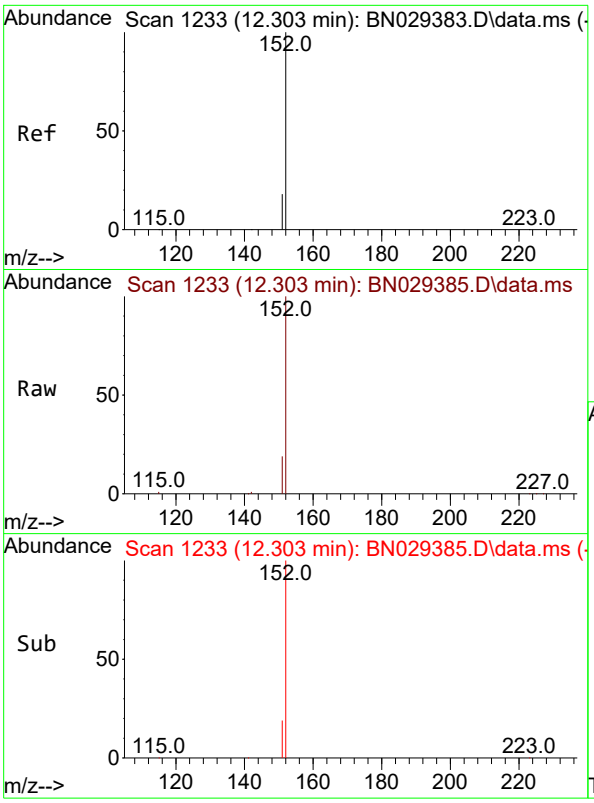


#10
Hexachlorobutadiene
Concen: 1.705 ng
RT: 11.043 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:225 Resp: 9084

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.6



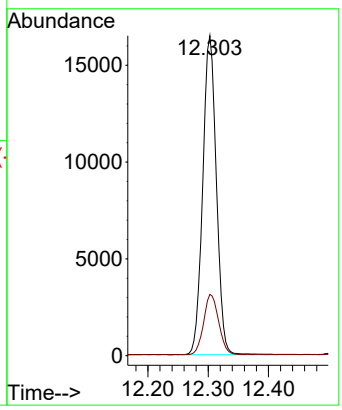


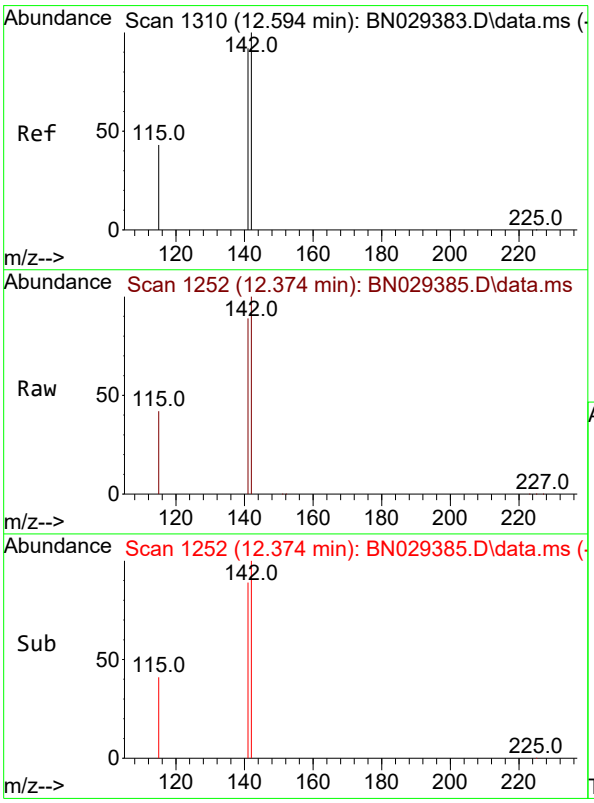
#11
2-Methylnaphthalene-d10
Concen: 1.769 ng
RT: 12.303 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 25825

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2

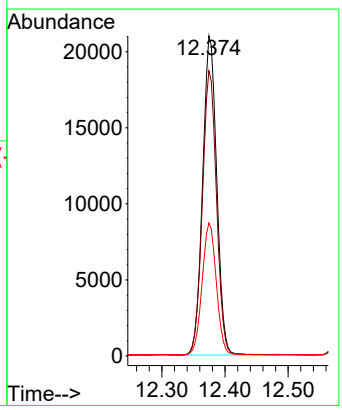


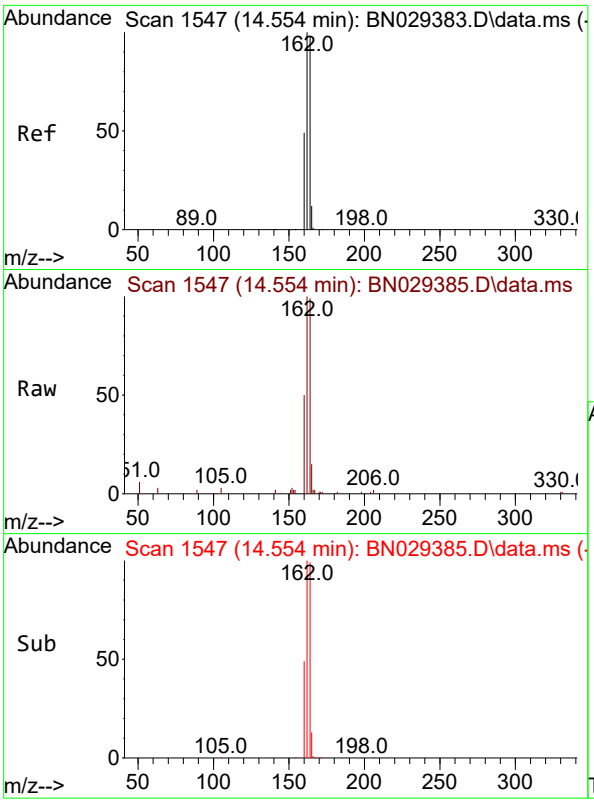


#12
2-Methylnaphthalene
Concen: 1.734 ng
RT: 12.374 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:142 Resp: 32487

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4
115	41.5	34.3	51.5



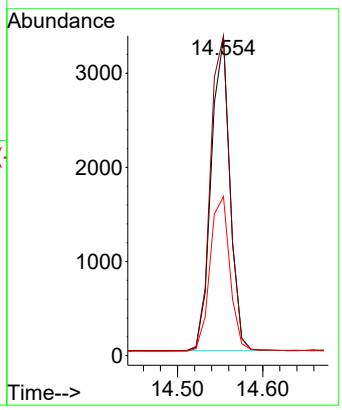


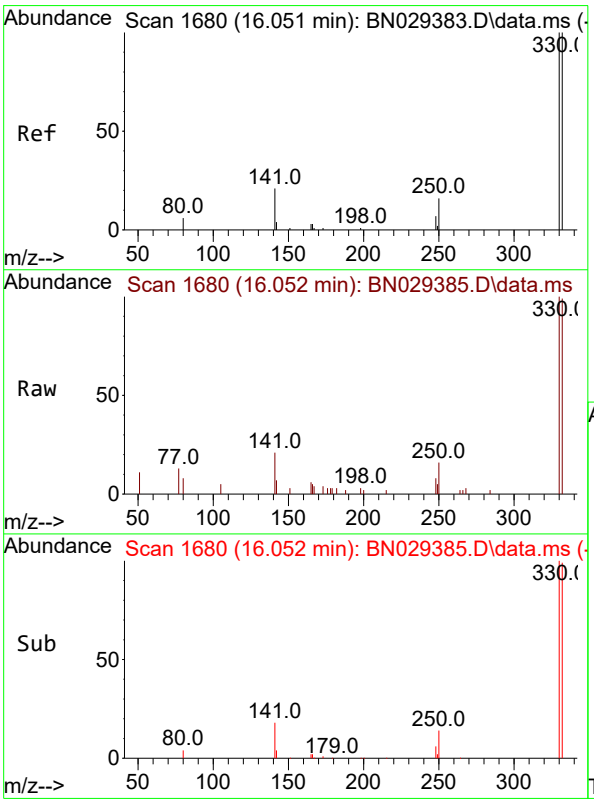
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 5065

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	50.1	40.2	60.2

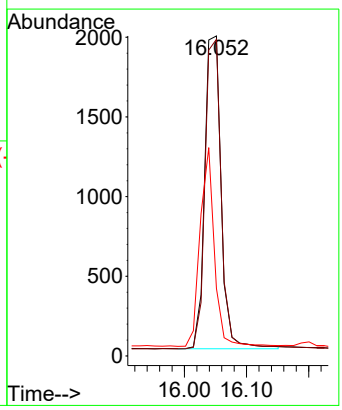


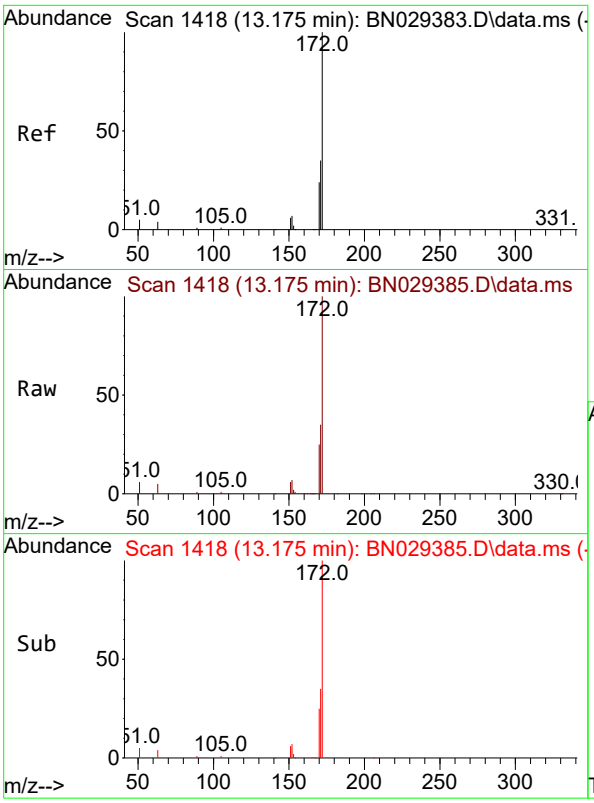


#14
2,4,6-Tribromophenol
Concen: 1.625 ng
RT: 16.052 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:330 Resp: 3626

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.5	113.3
141	55.3	43.0	64.6



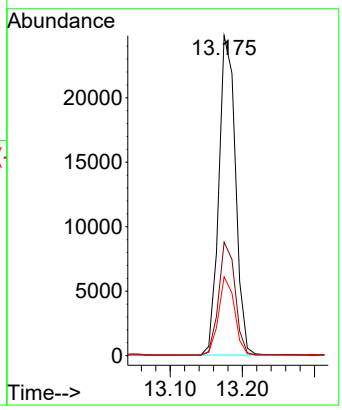


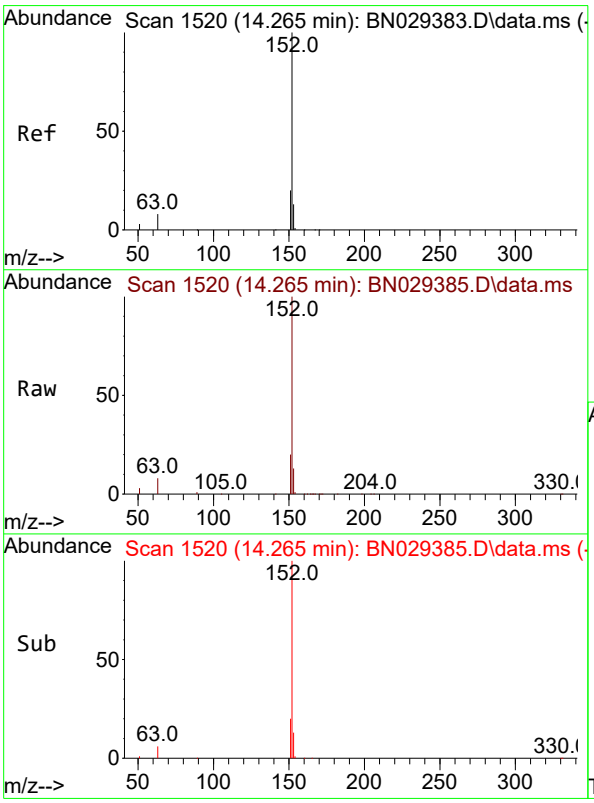
#15
2-Fluorobiphenyl
Concen: 1.692 ng
RT: 13.175 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 39613

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.7	20.1	30.1

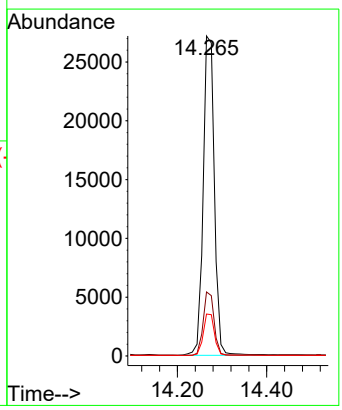


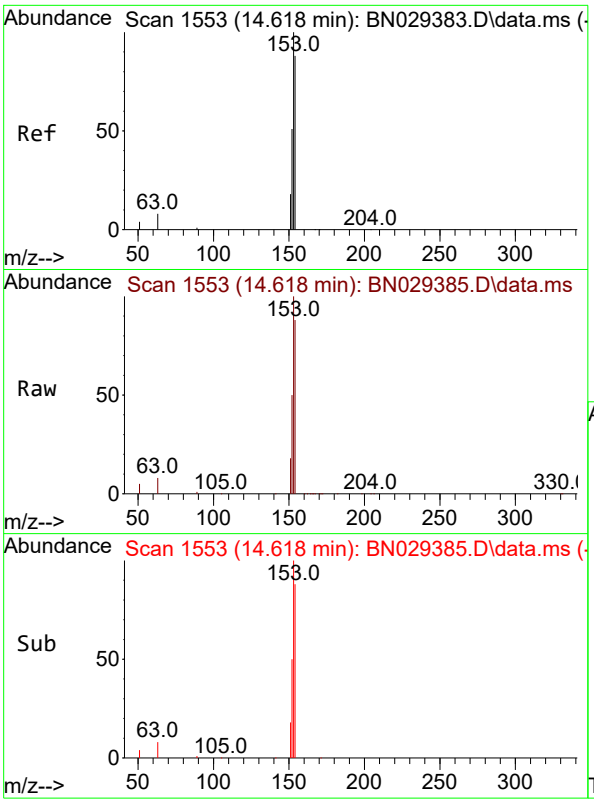


#16
Acenaphthylene
Concen: 1.758 ng
RT: 14.265 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:152 Resp: 47091

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.4	15.6



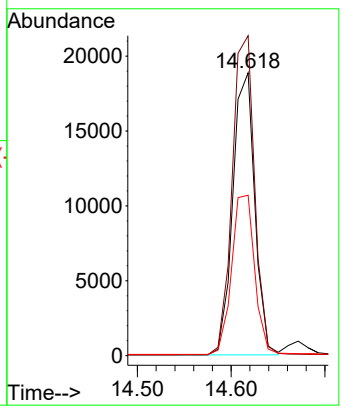


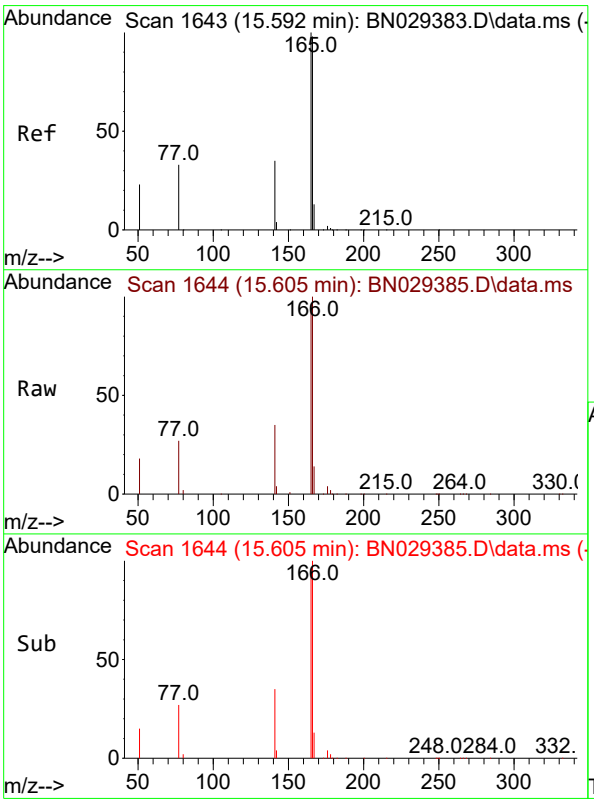
#17
Acenaphthene
Concen: 1.716 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 30716

Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.6	140.4
152	59.7	49.0	73.4

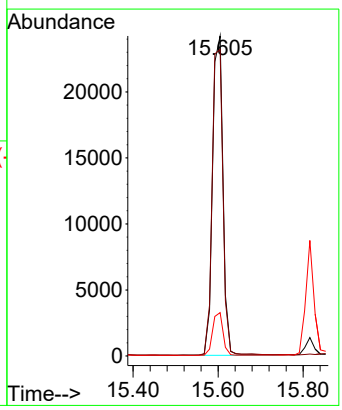


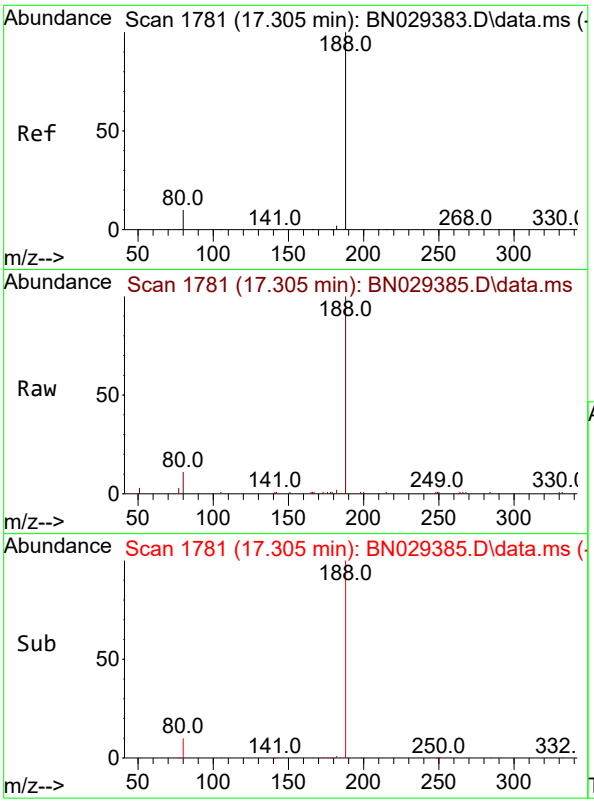


#18
Fluorene
Concen: 1.733 ng
RT: 15.605 min Scan# 1644
Delta R.T. 0.013 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:166 Resp: 41214

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.7	119.5
167	13.3	10.7	16.1



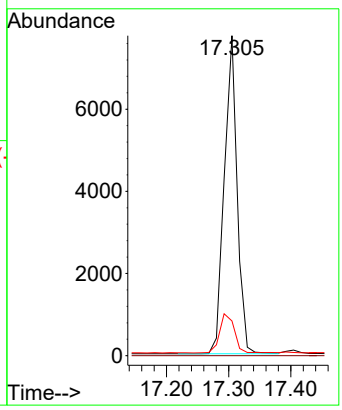


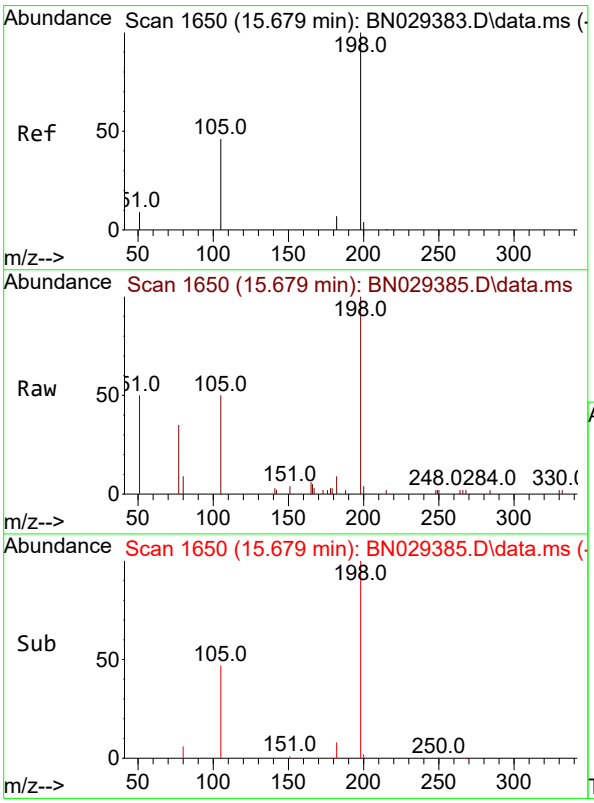
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 11106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.8	13.2

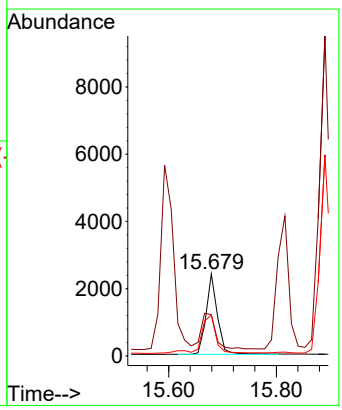


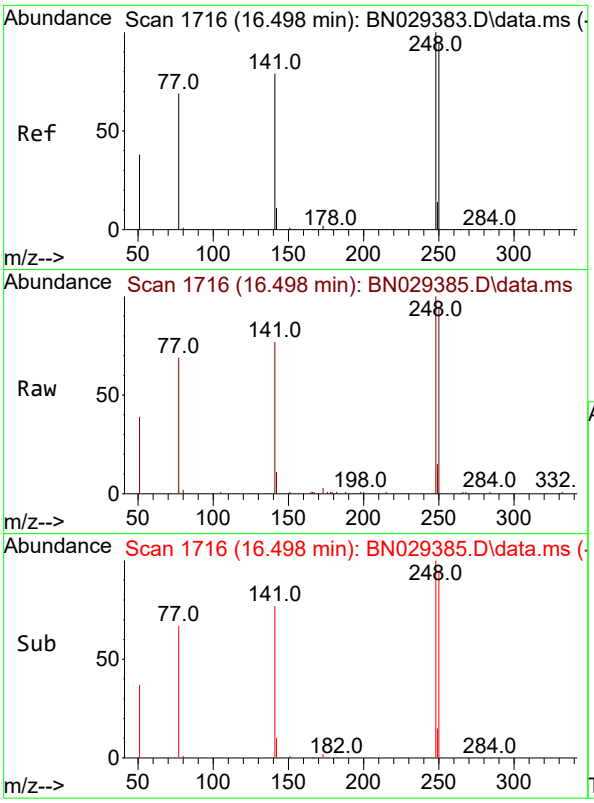


#20
4,6-Dinitro-2-methylphenol
Concen: 1.805 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:198 Resp: 3475

Ion	Ratio	Lower	Upper
198	100		
51	50.4	68.3	102.5#
105	49.7	48.8	73.2



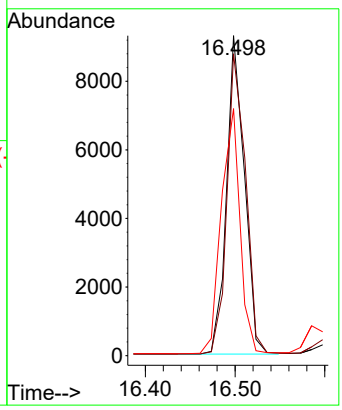


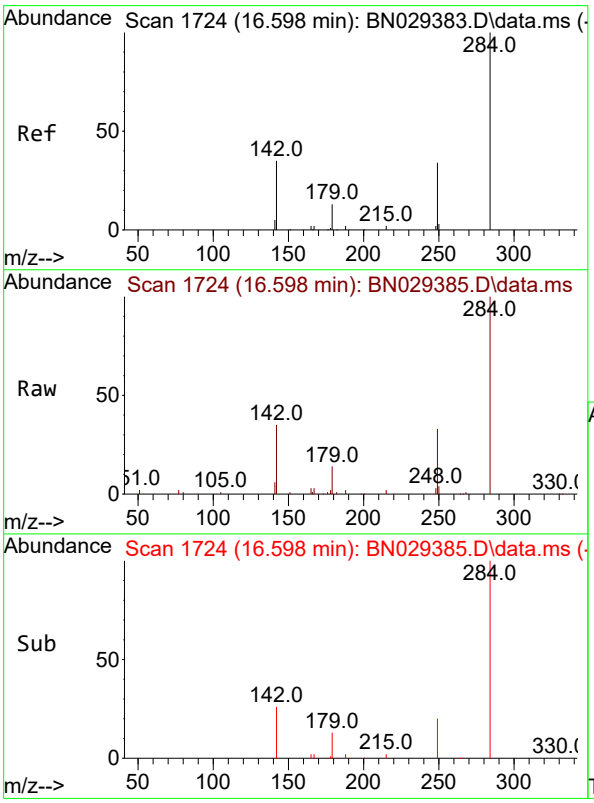
#21
4-Bromophenyl-phenylether
Concen: 1.703 ng
RT: 16.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 12839

Ion	Ratio	Lower	Upper
248	100		
250	94.3	75.6	113.4
141	77.2	64.0	96.0

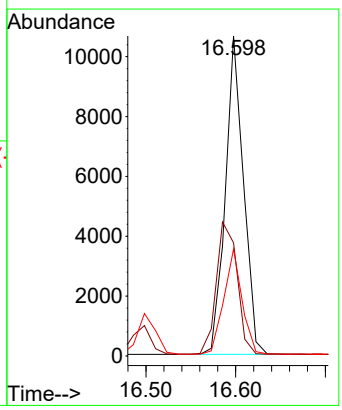


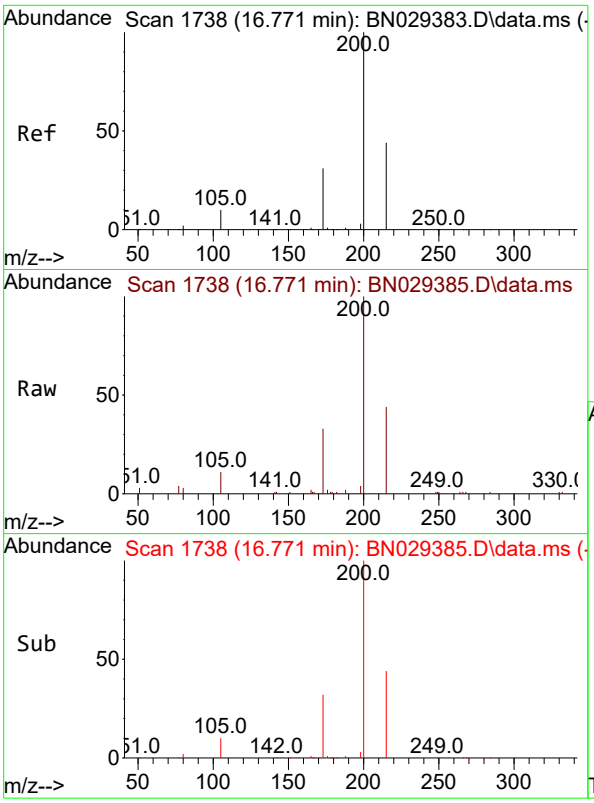


#22
Hexachlorobenzene
Concen: 1.731 ng
RT: 16.598 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:284 Resp: 14979

Ion	Ratio	Lower	Upper
284	100		
142	47.4	37.8	56.8
249	32.9	26.7	40.1



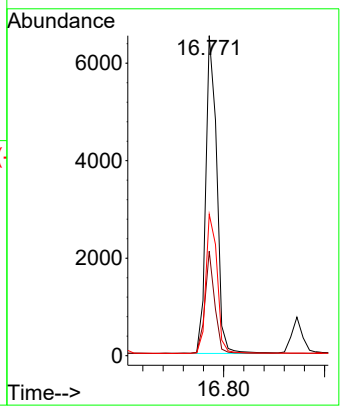


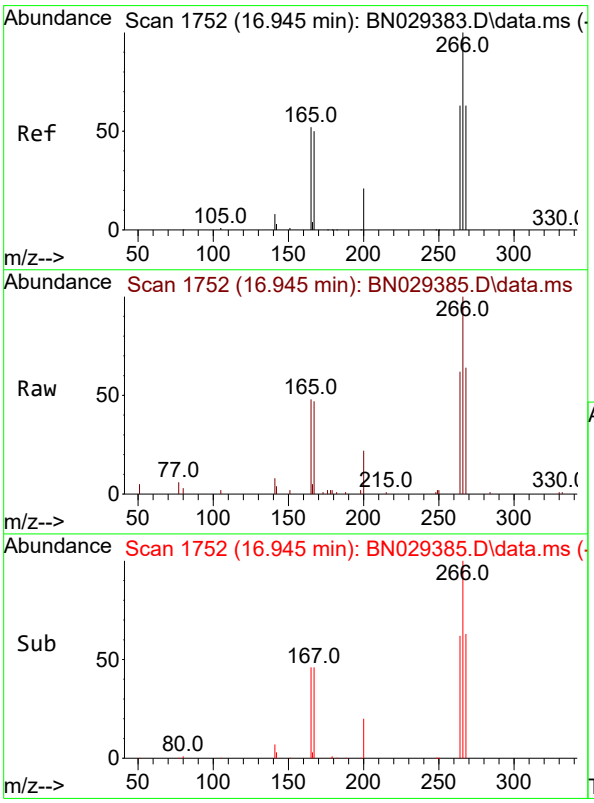
#23
Atrazine
Concen: 1.749 ng
RT: 16.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 9893

Ion	Ratio	Lower	Upper
200	100		
173	32.7	26.6	40.0
215	44.2	36.8	55.2

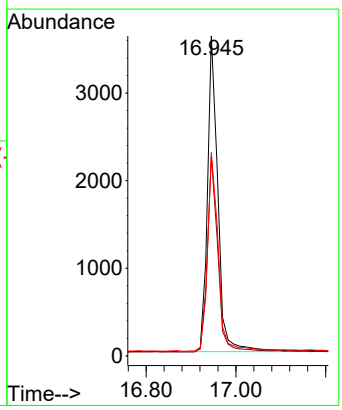


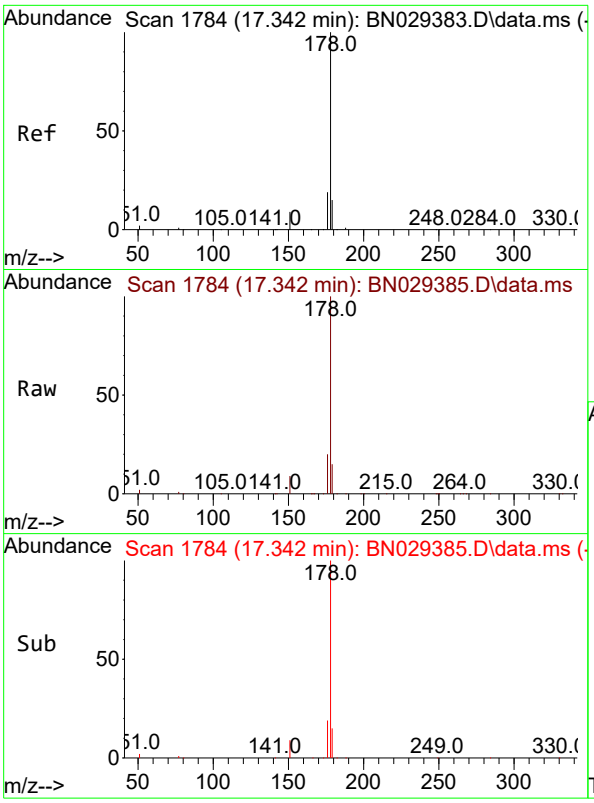


#24
Pentachlorophenol
Concen: 1.798 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:266 Resp: 5772

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	75.8
268	65.0	51.9	77.9



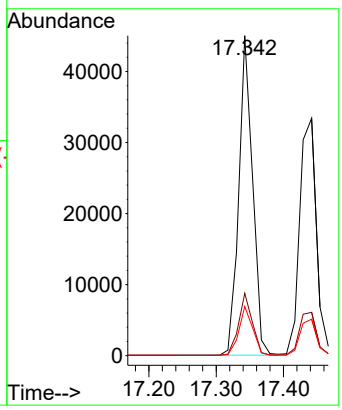


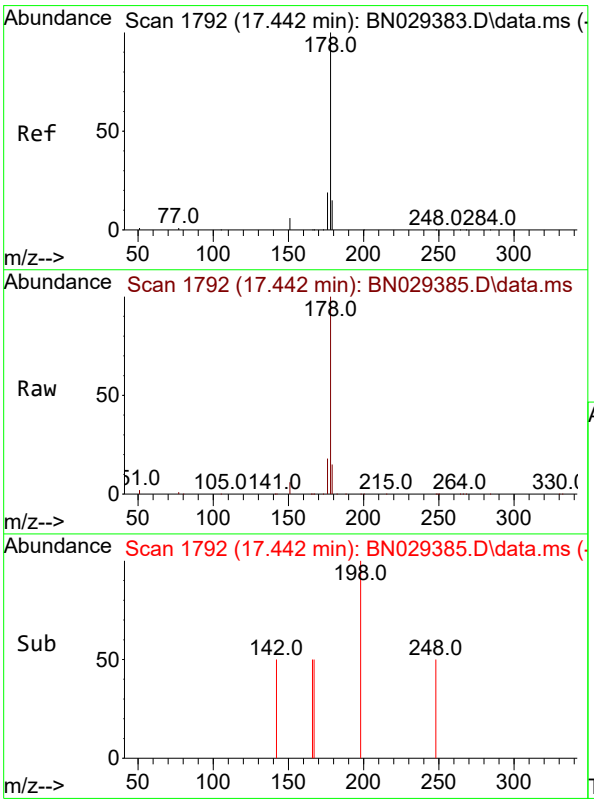
#25
Phenanthrene
Concen: 1.700 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 64292

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4

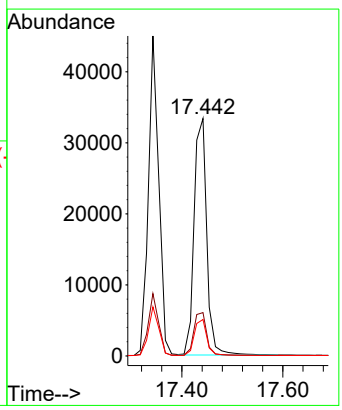


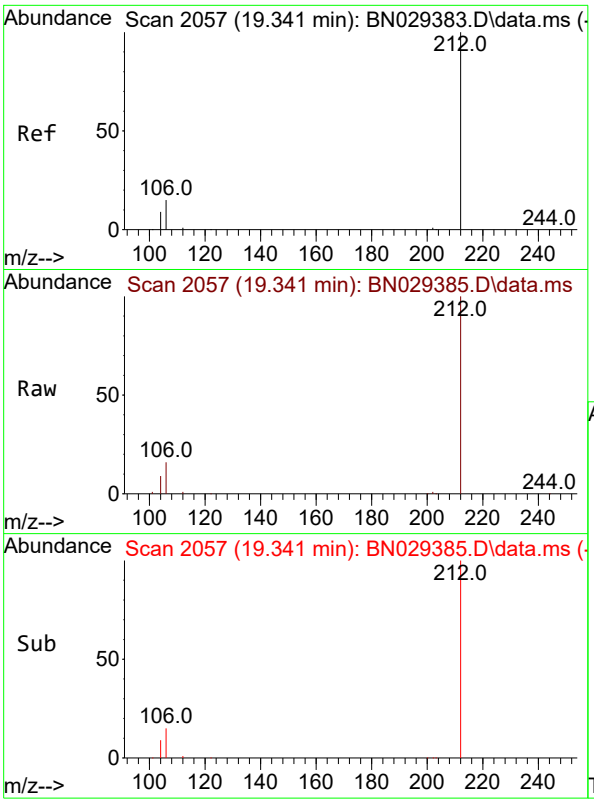


#26
Anthracene
Concen: 1.735 ng
RT: 17.442 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:178 Resp: 57930

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.1	12.1	18.1



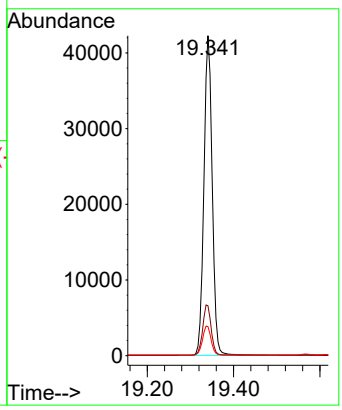


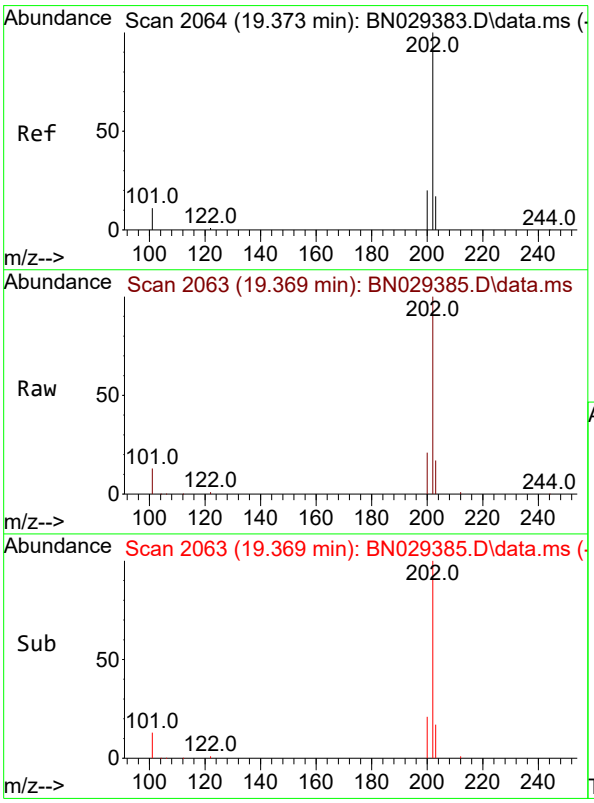
#27
Fluoranthene-d10
Concen: 1.767 ng
RT: 19.341 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 56543

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.8	19.2
104	9.4	7.7	11.5

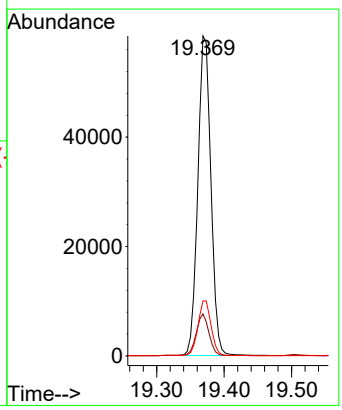


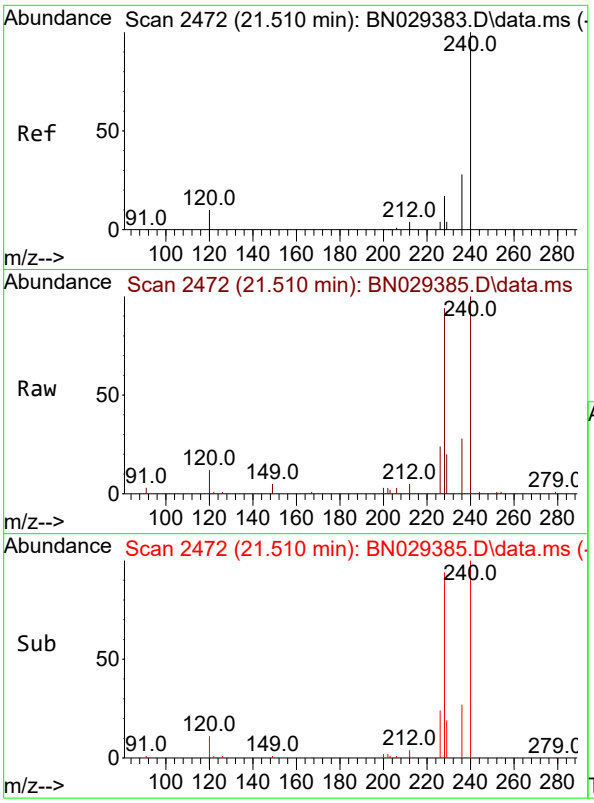


#28
Fluoranthene
Concen: 1.766 ng
RT: 19.369 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:202 Resp: 78448

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.5	15.7
203	17.3	13.8	20.6



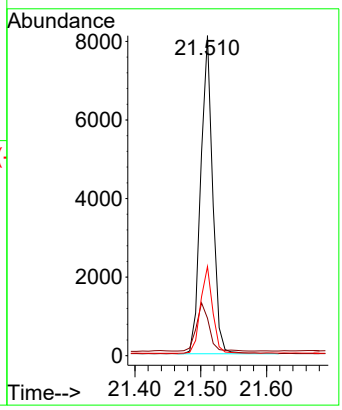


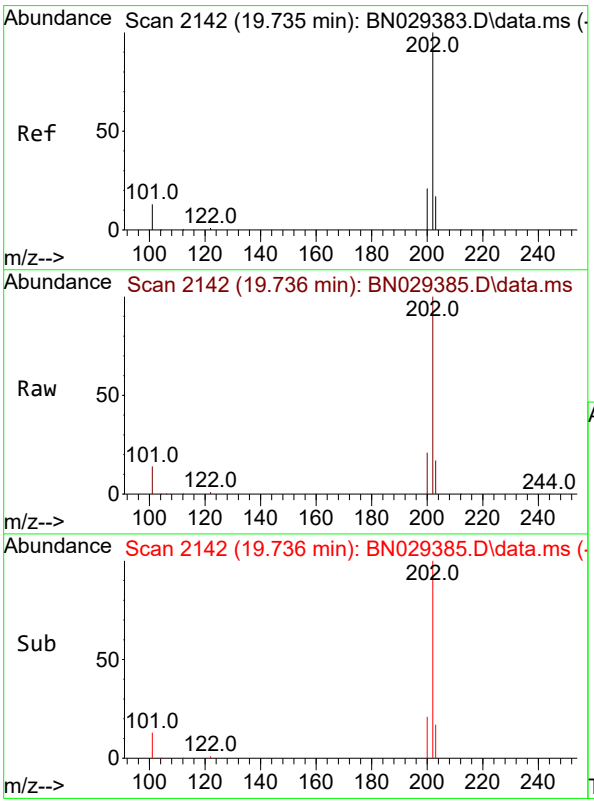
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 10232

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	27.8	22.6	34.0

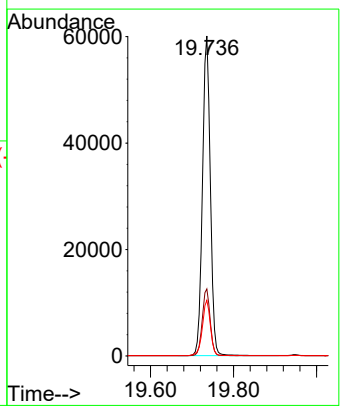


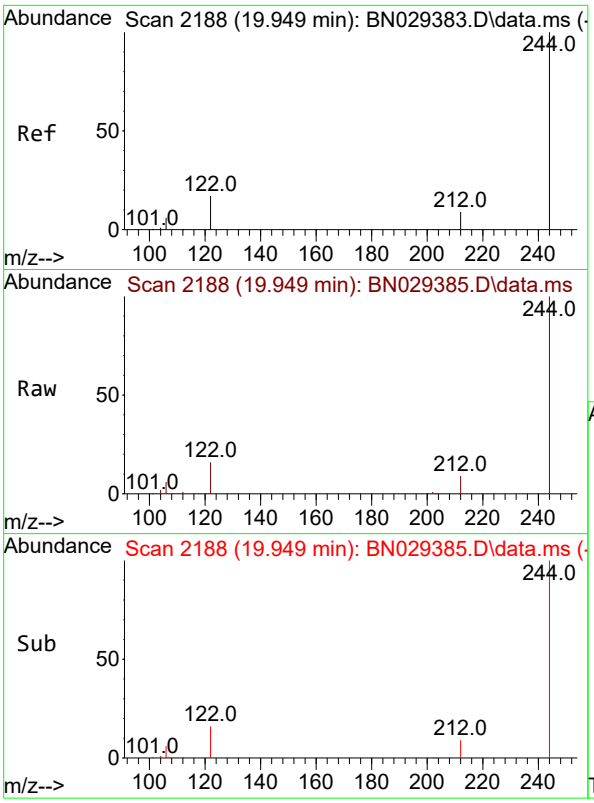


#30
Pyrene
Concen: 1.705 ng
RT: 19.736 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:202 Resp: 79246

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.2



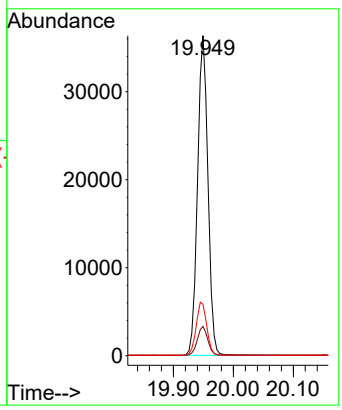


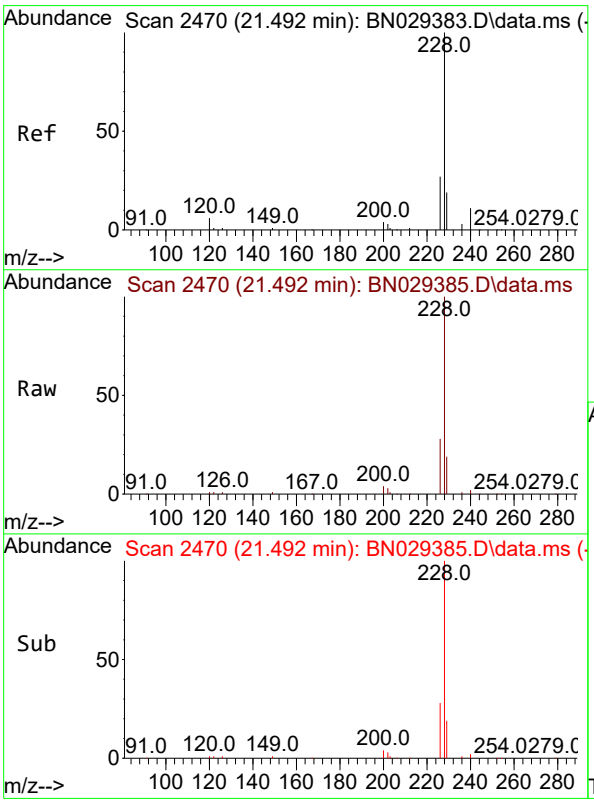
#31
Terphenyl-d14
Concen: 1.711 ng
RT: 19.949 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 43620

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	16.0	13.8	20.8

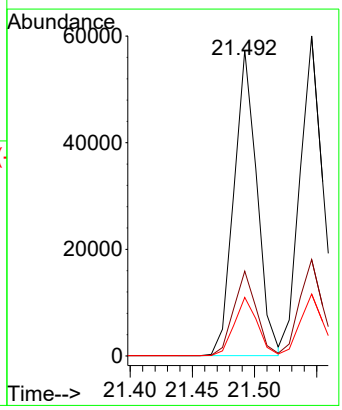


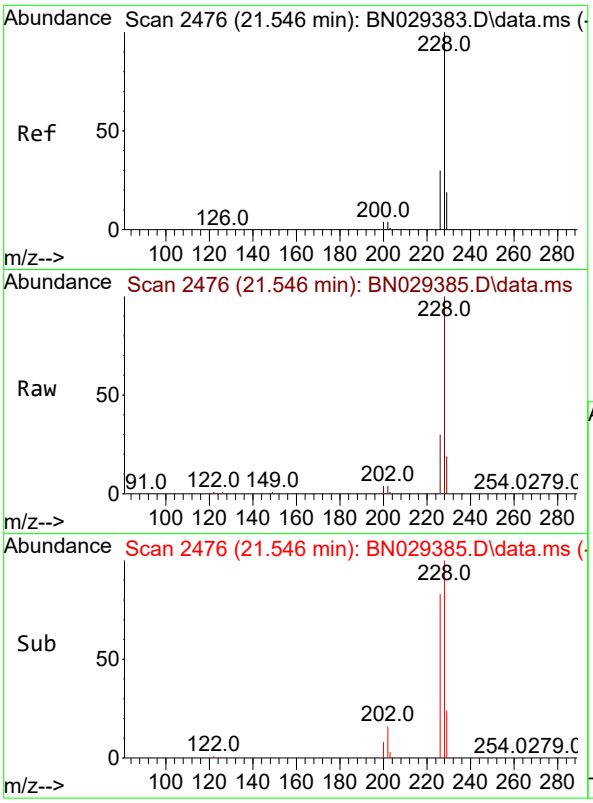


#32
Benzo(a)anthracene
Concen: 1.770 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:228 Resp: 73718

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.1	15.3	22.9



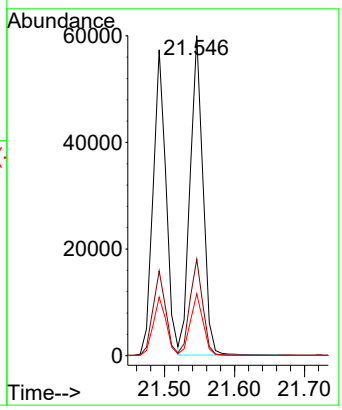


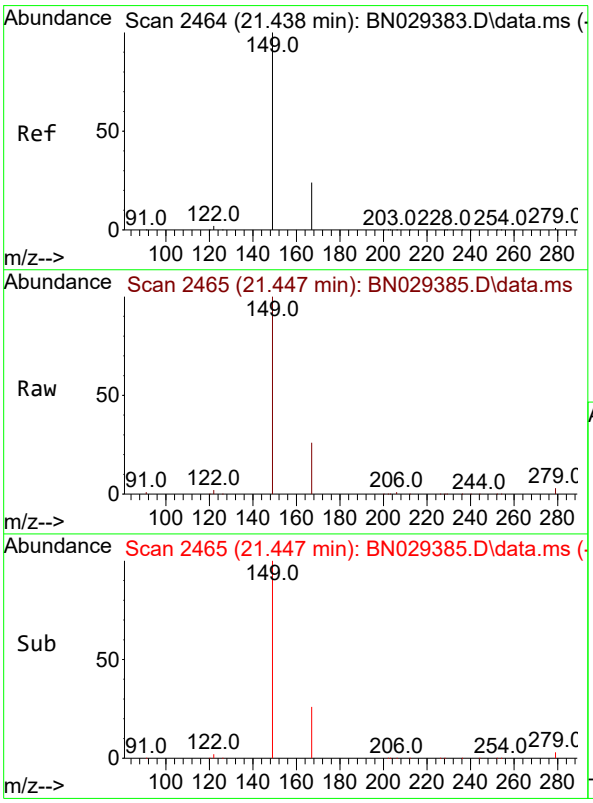
#33
Chrysene
Concen: 1.762 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 76294

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.4	15.8	23.8

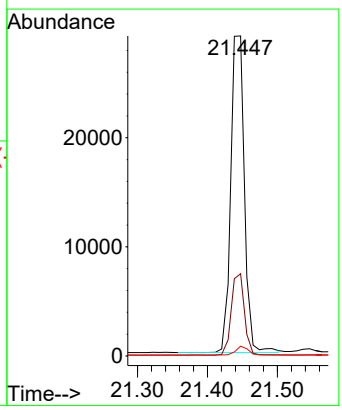


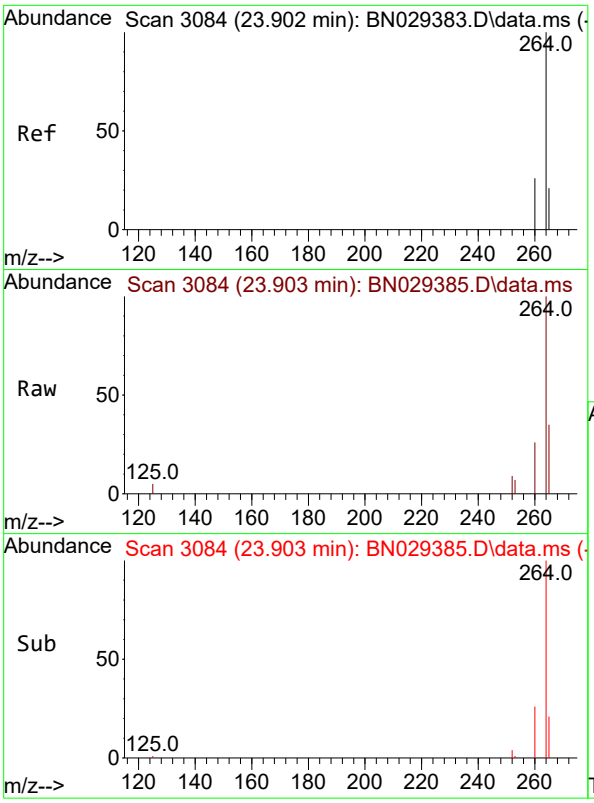


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.546 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:149 Resp: 39513

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.5	29.3
279	2.5	2.1	3.1



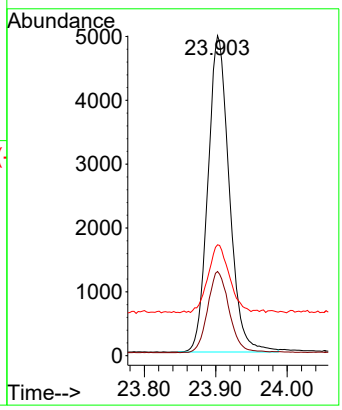


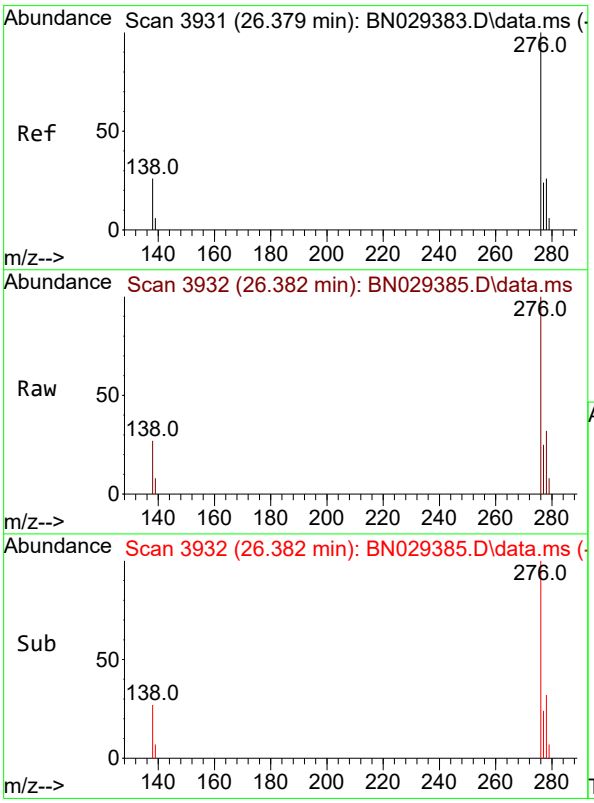
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.903 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 10272

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.3	31.9
265	34.6	25.7	38.5

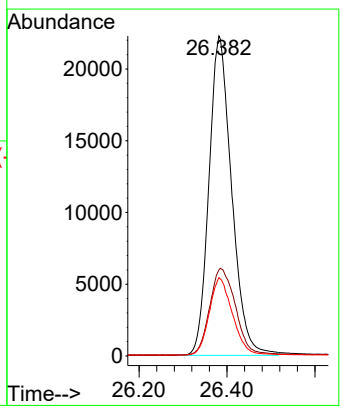


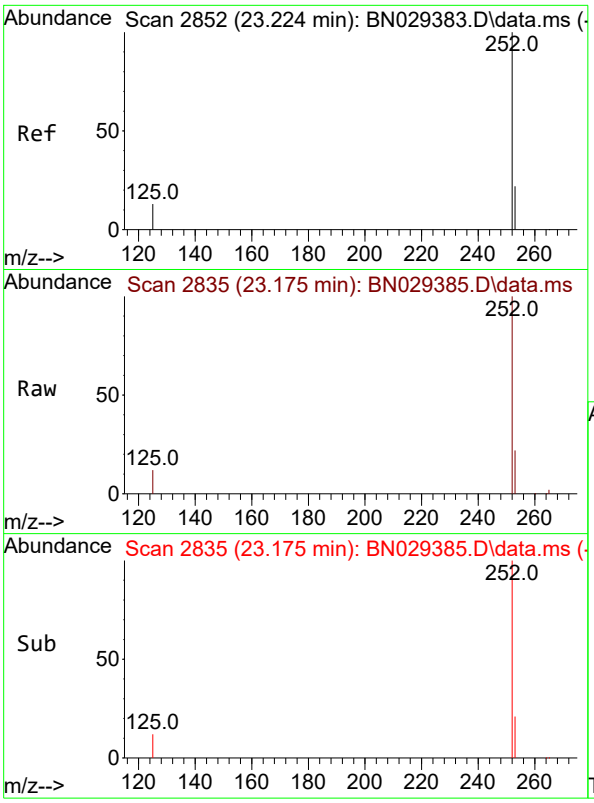


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.792 ng
RT: 26.382 min Scan# 3932
Delta R.T. 0.003 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:276 Resp: 79681

Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.8	37.2
277	24.9	19.9	29.9



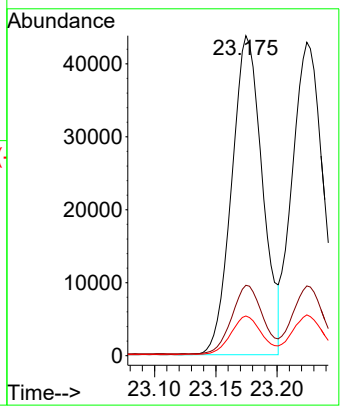


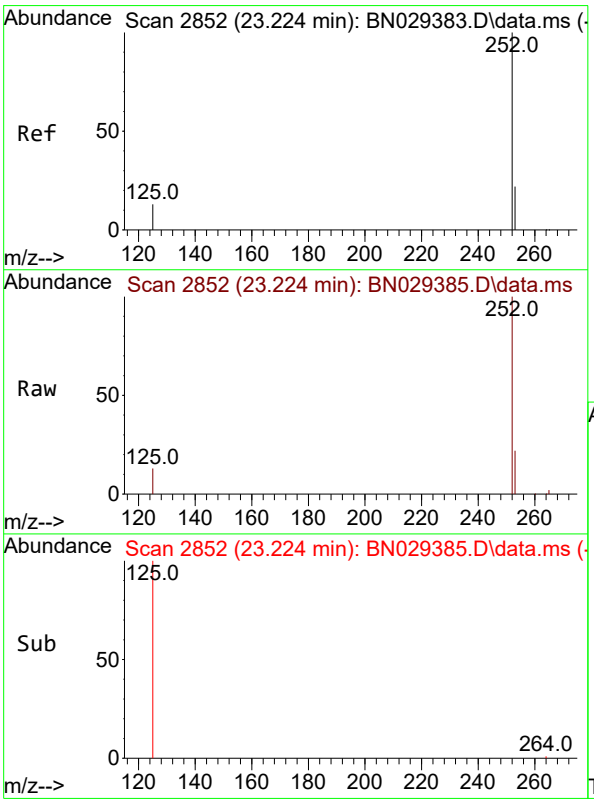
#37
Benzo(b)fluoranthene
Concen: 1.757 ng
RT: 23.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 76309

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	12.4	10.7	16.1

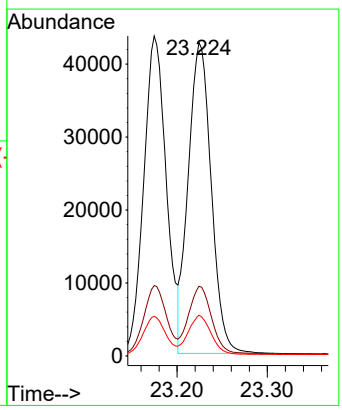


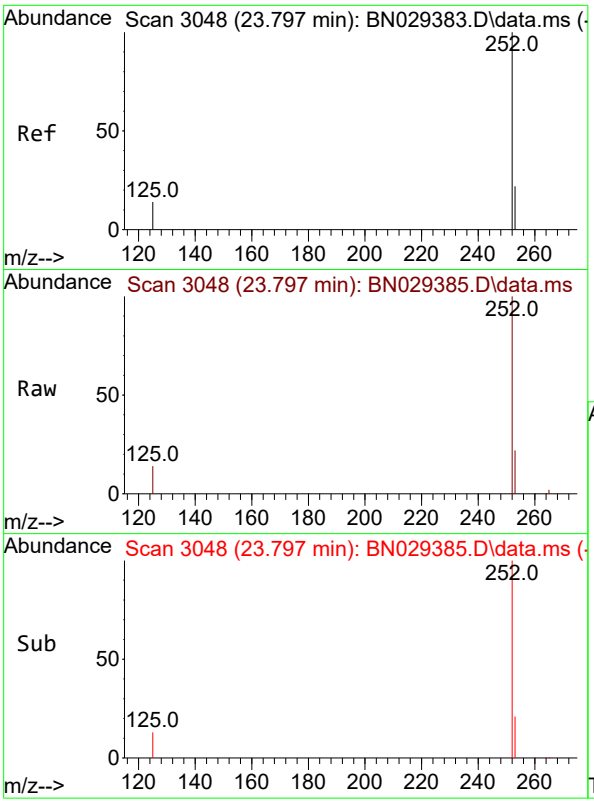


#38
Benzo(k)fluoranthene
Concen: 1.781 ng
RT: 23.224 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:252 Resp: 75325

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.8	29.6
125	13.0	11.4	17.2



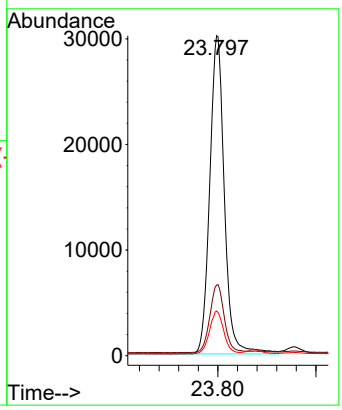


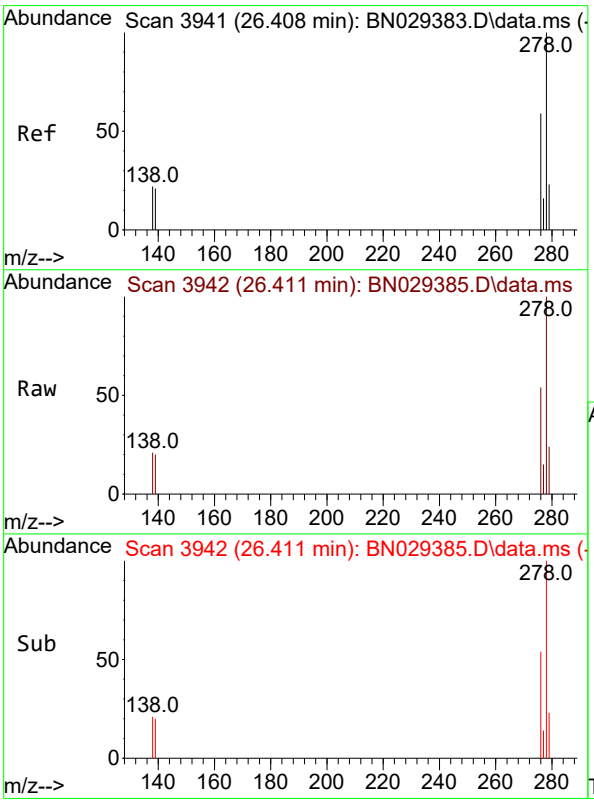
#39
Benzo(a)pyrene
Concen: 1.780 ng
RT: 23.797 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 62362

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.6	30.8
125	13.9	13.0	19.6

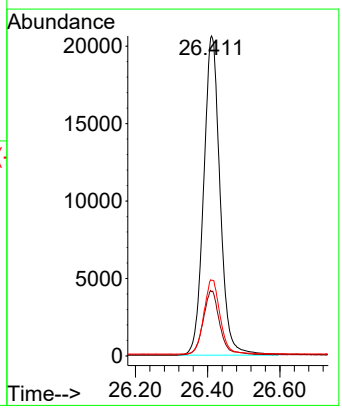


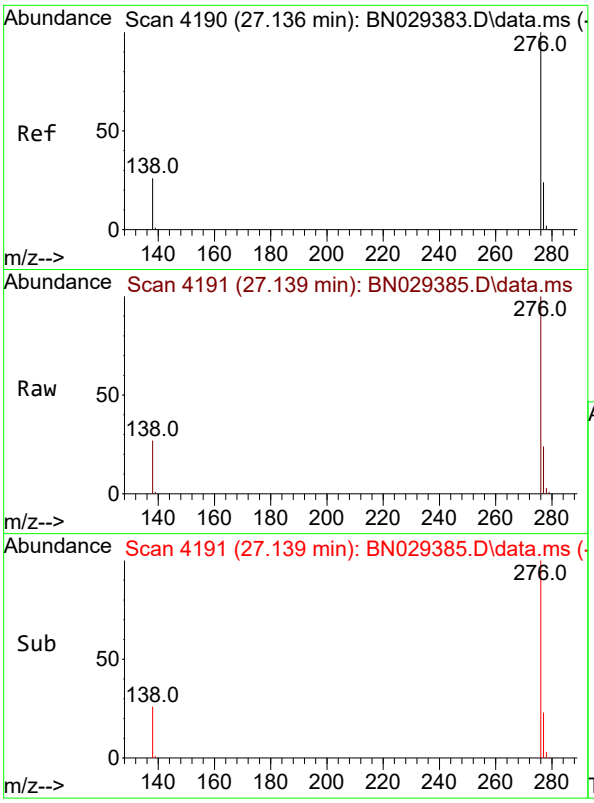


#40
Dibenzo(a,h)anthracene
Concen: 1.816 ng
RT: 26.411 min Scan# 3942
Delta R.T. 0.003 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Tgt Ion:278 Resp: 64928

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.8	26.6
279	23.6	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 1.768 ng
RT: 27.139 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029385.D
Acq: 25 Jan 2024 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 68717

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.7	29.5
138	26.6	22.0	33.0