Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035284.D
Acq On : 25 Nov 2024 14:29
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Quant Time: Nov 25 22:35:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.315	152	2519	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	5593	0.400	ng	0.00
13) Acenaphthene-d10	13.976	164	2659	0.400	ng	# 0.00
19) Phenanthrene-d10	16.734	188	5748	0.400	ng	0.00
29) Chrysene-d12	21.008	240	611	0.400	ng	0.00
35) Perylene-d12	23.081	264	3470	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	1712	0.360	ng	0.00
5) Phenol-d6	6.521	99	2314	0.348	ng	0.00
8) Nitrobenzene-d5	8.450	82	2129	0.469	ng	0.00
11) 2-Methylnaphthalene-d10	11.667	152	2635	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.484	330	546	0.402	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	683	0.465	ng	0.00
27) Fluoranthene-d10	18.792	212	4874	0.317	ng	0.00
31) Terphenyl-d14	19.419	244	3187	0.282	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	689	0.381	ng	# 83
3) n-Nitrosodimethylamine	3.299	42	809	0.431	ng	# 76
6) bis(2-Chloroethyl)ether	6.766	93	2132	0.381	ng	99
9) Naphthalene	10.116	128	5975	0.385	ng	99
10) Hexachlorobutadiene	10.415	225	1929	0.442	ng	# 100
12) 2-Methylnaphthalene	11.742	142	3297	0.325	ng	98
16) Acenaphthylene	13.688	152	5175	0.387	ng	99
17) Acenaphthene	14.030	154	3227	0.383	ng	# 90
18) Fluorene	15.035	166	4194	0.355	ng	97
20) 4,6-Dinitro-2-methylph...	15.131	198	239	0.477	ng	98
21) 4-Bromophenyl-phenylether	15.940	248	1328	0.364	ng	92
22) Hexachlorobenzene	16.051	284	2564	0.491	ng	98
23) Atrazine	16.237	200	643	0.419	ng	98
24) Pentachlorophenol	16.399	266	510	0.407	ng	95
25) Phenanthrene	16.784	178	6385	0.362	ng	100
26) Anthracene	16.870	178	4852	0.320	ng	99
28) Fluoranthene	18.825	202	6686	0.300	ng	99
30) Pyrene	19.192	202	6525	0.294	ng	100
32) Benzo(a)anthracene	21.017	228	5799	0.273	ng	100
33) Chrysene	21.017	228	5799	0.273	ng	100
34) Bis(2-ethylhexyl)phtha...	21.017	149	520	0.041	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.121	276	5652	0.398	ng	99
37) Benzo(b)fluoranthene	22.464	252	5358	0.355	ng	97
38) Benzo(k)fluoranthene	22.508	252	5559	0.348	ng	97
39) Benzo(a)pyrene	22.990	252	4167	0.361	ng	97
40) Dibenzo(a,h)anthracene	25.145	278	4182	0.389	ng	98
41) Benzo(g,h,i)perylene	25.738	276	5121	0.412	ng	99

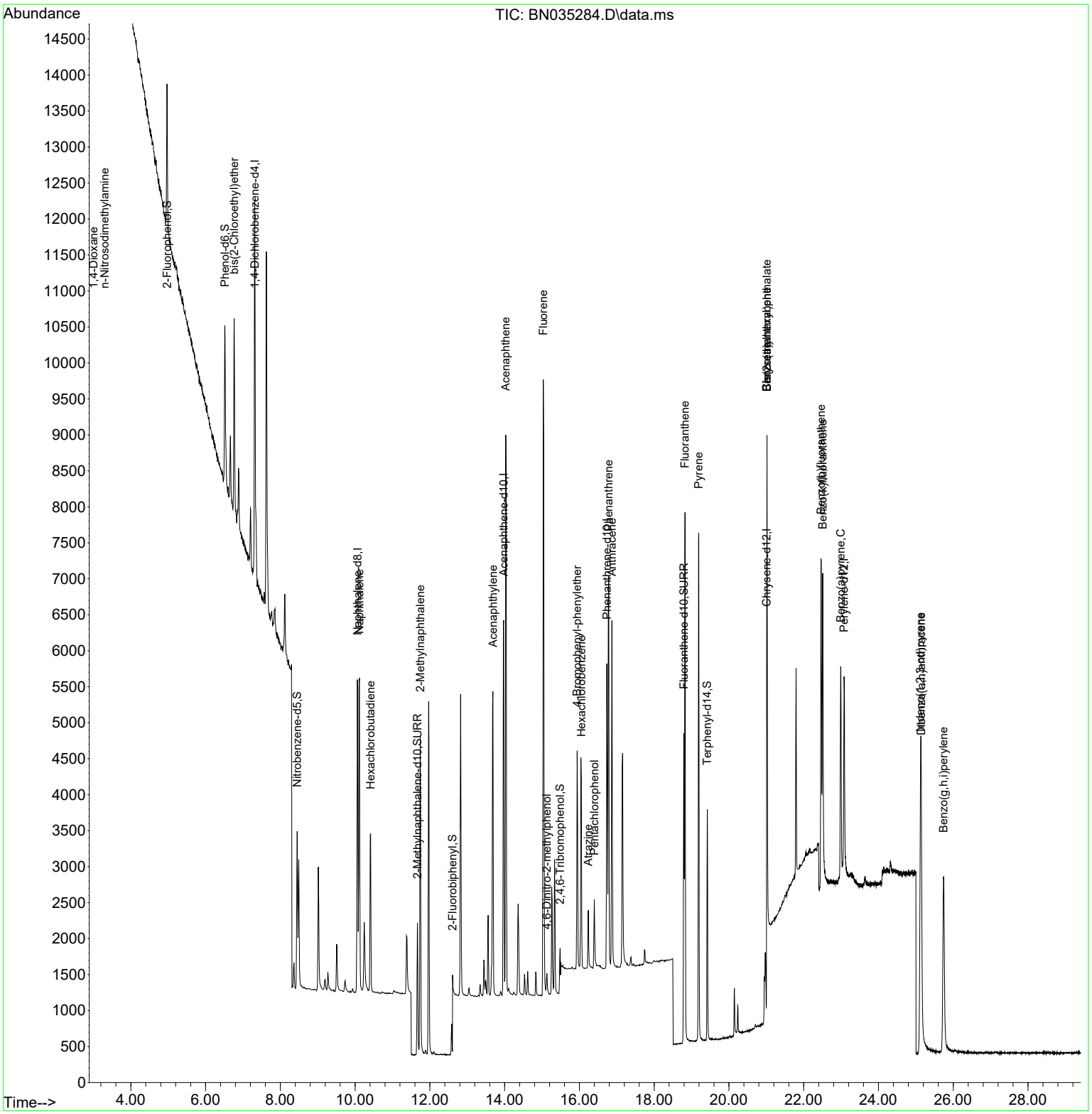
(#) = qualifier out of range (m) = manual integration (+) = signals summed

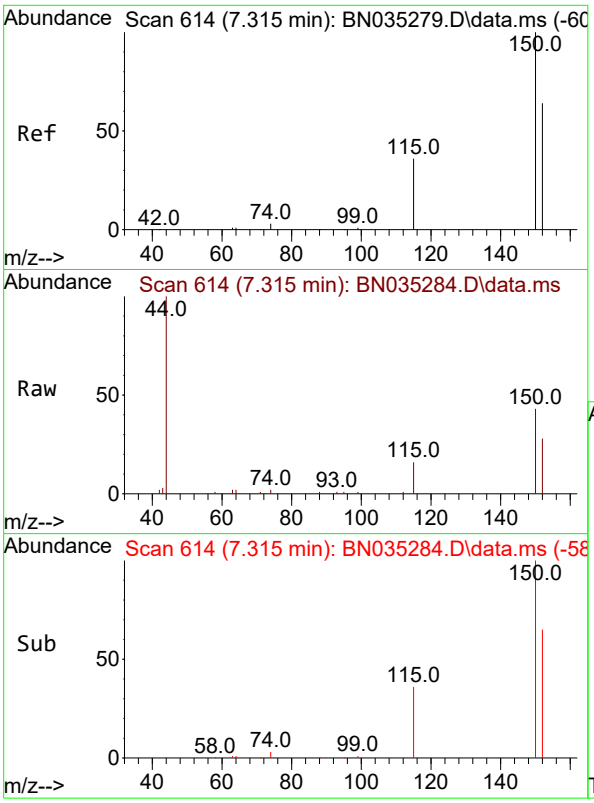
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035284.D
Acq On : 25 Nov 2024 14:29
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Quant Time: Nov 25 22:35:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration



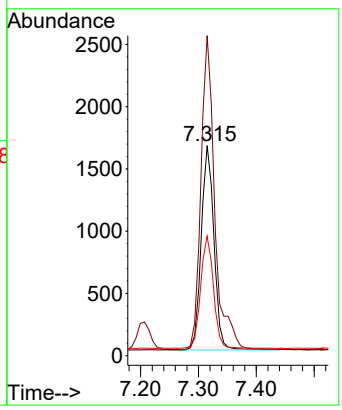


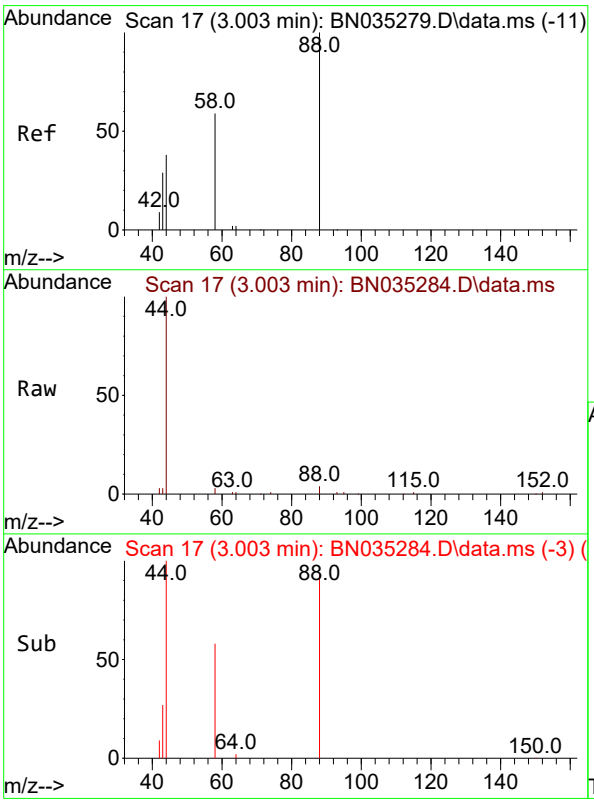
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.315 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:152 Resp: 2519

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.5	186.7
115	56.9	47.8	71.8

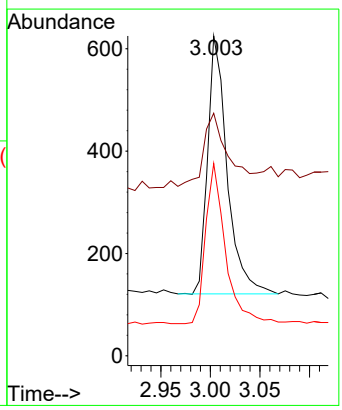


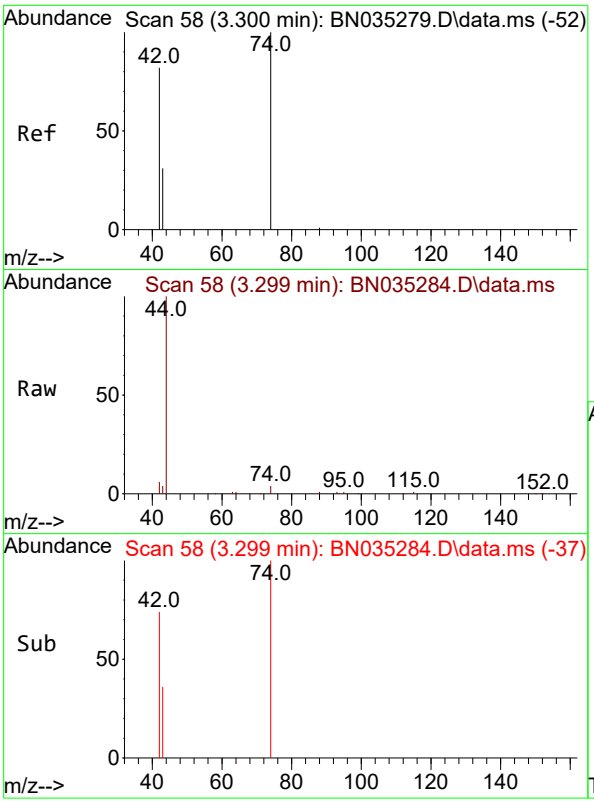


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion: 88 Resp: 689

Ion	Ratio	Lower	Upper
88	100		
43	38.3	48.1	72.1#
58	62.8	46.9	70.3



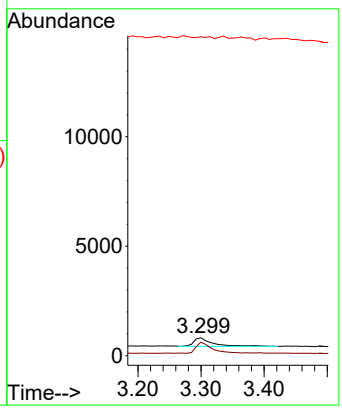


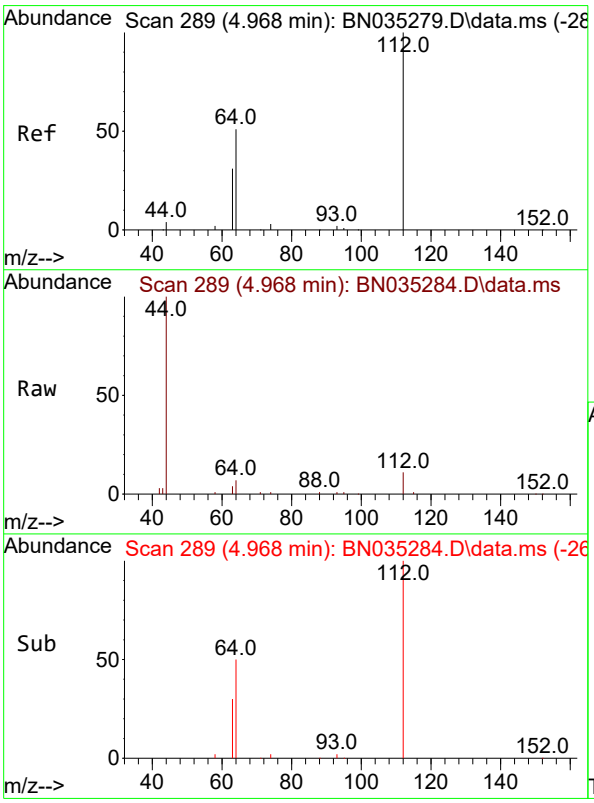
#3
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.299 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion: 42 Resp: 809

Ion	Ratio	Lower	Upper
42	100		
74	116.4	102.7	154.1
44	0.0	34.1	51.1#

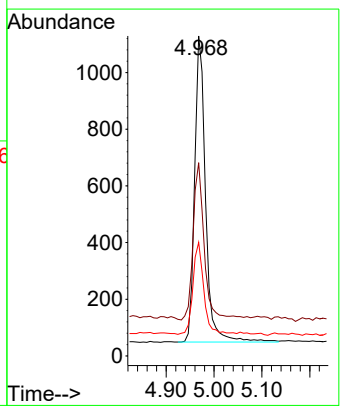


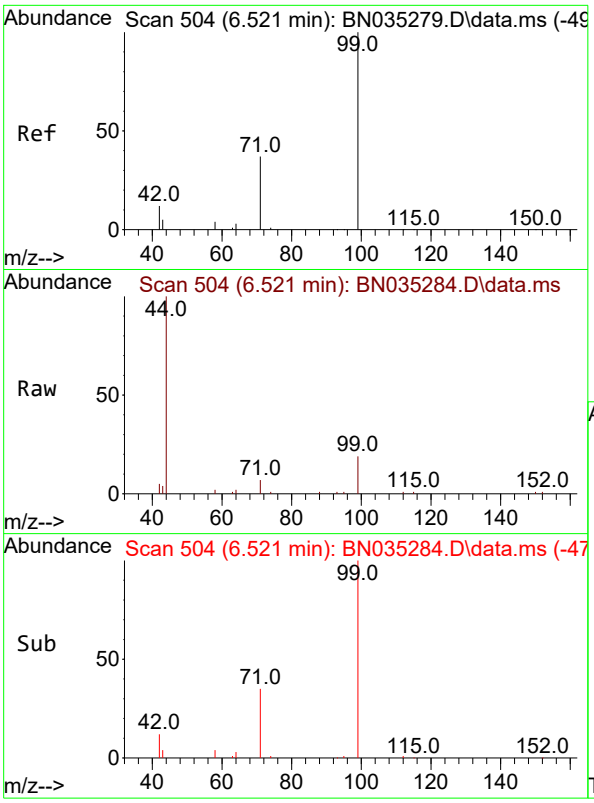


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 4.968 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:112 Resp: 1712

Ion	Ratio	Lower	Upper
112	100		
64	53.3	40.4	60.6
63	29.8	23.8	35.8



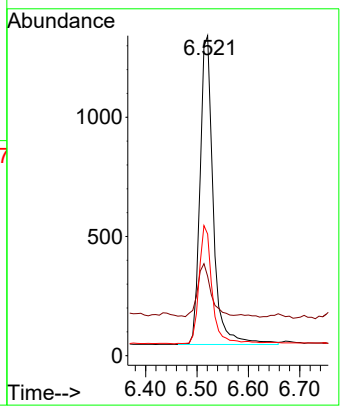


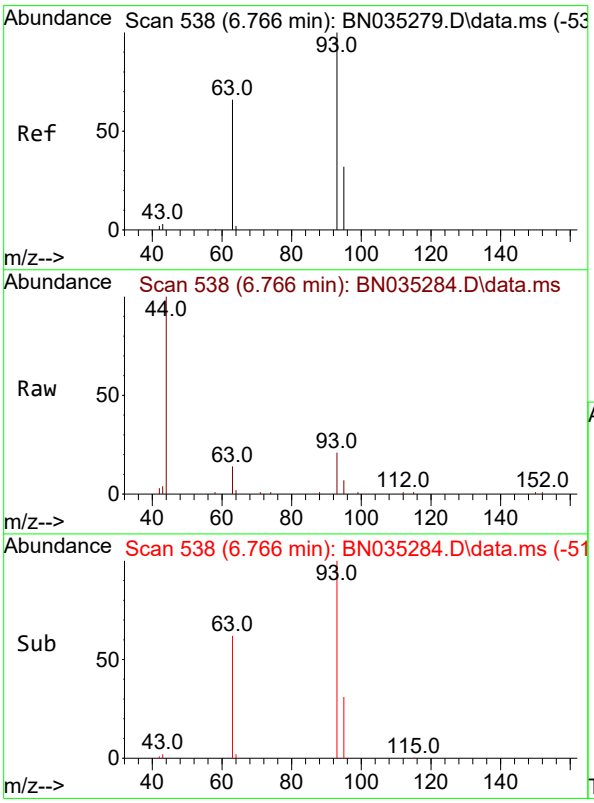
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.521 min Scan# 5(
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion: 99 Resp: 2314

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.8	19.2
71	38.1	31.4	47.2

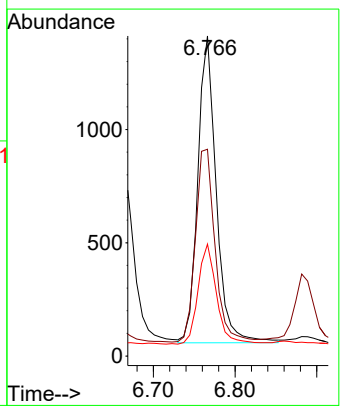


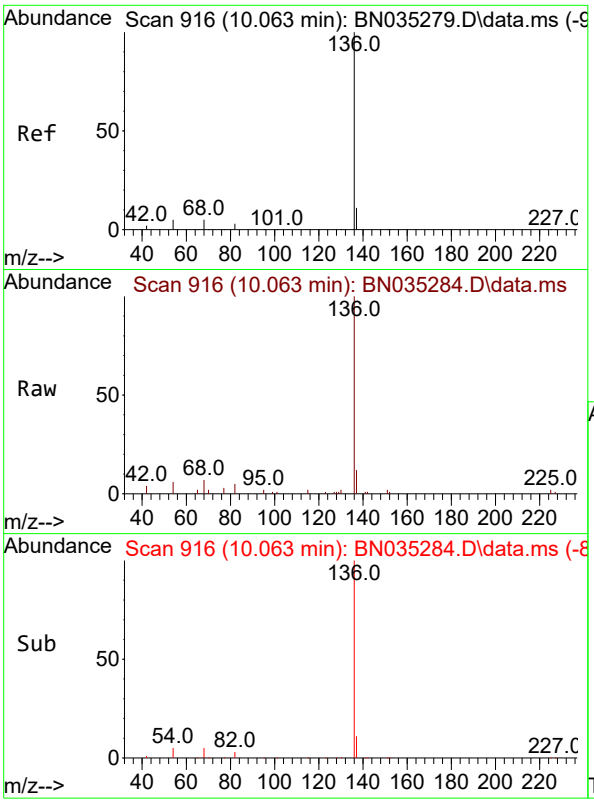


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion: 93 Resp: 2132

Ion	Ratio	Lower	Upper
93	100		
63	66.4	52.3	78.5
95	32.6	25.5	38.3



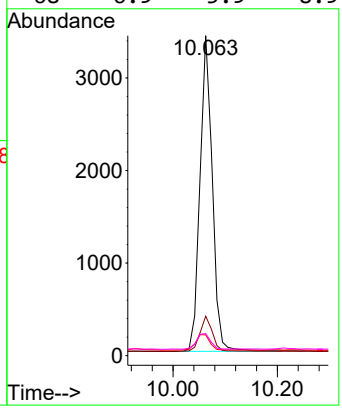


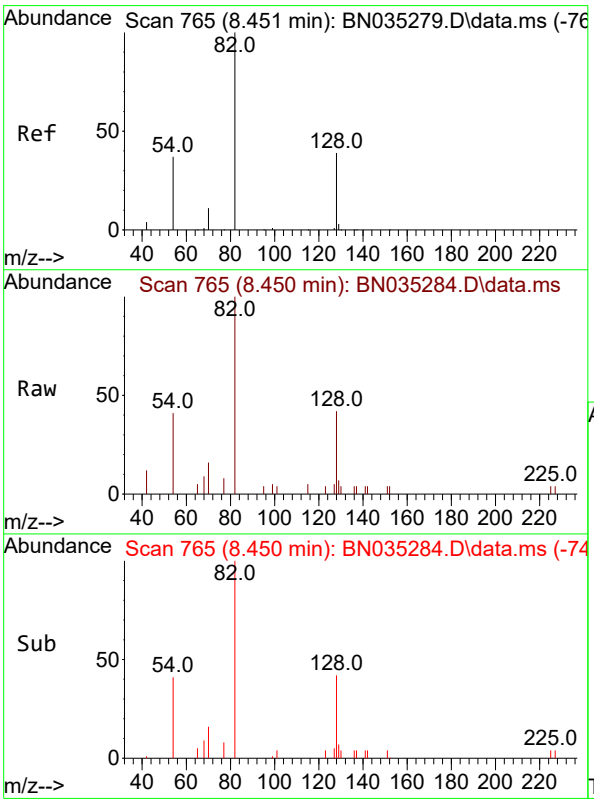
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:136 Resp: 5593

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	6.5	5.3	7.9
68	6.9	5.9	8.9

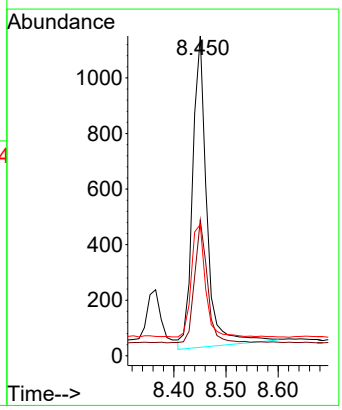


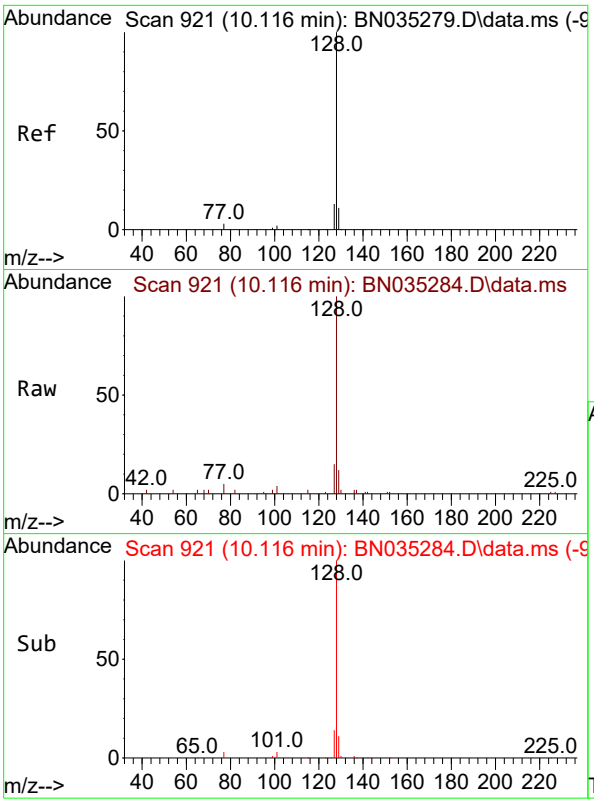


#8
Nitrobenzene-d5
Concen: 0.469 ng
RT: 8.450 min Scan# 765
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion: 82 Resp: 2129

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	41.1	33.3	49.9



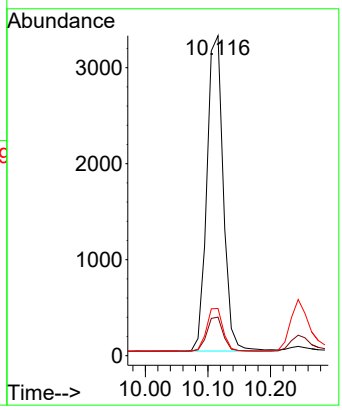


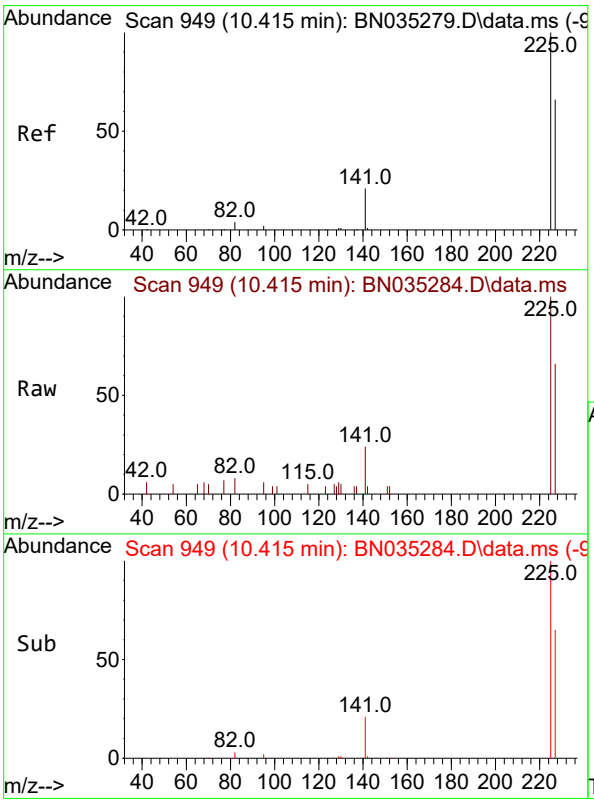
#9
Naphthalene
Concen: 0.385 ng
RT: 10.116 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:128 Resp: 5975

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.8	11.3	16.9

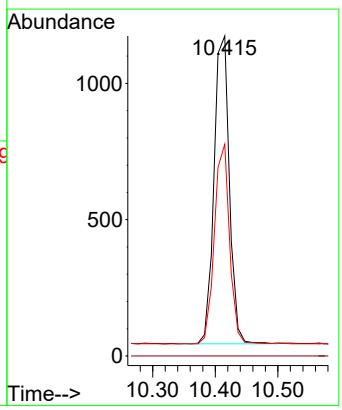


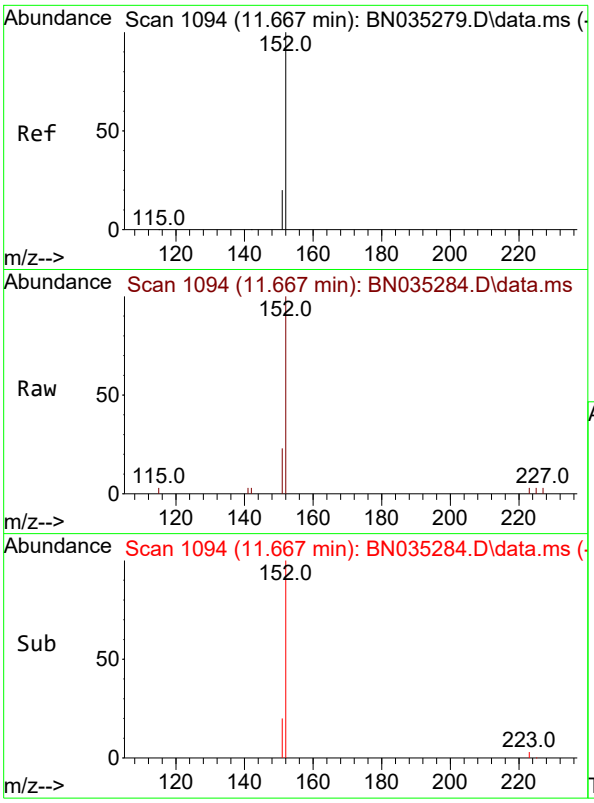


#10
Hexachlorobutadiene
Concen: 0.442 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:225 Resp: 1929

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.3	76.9



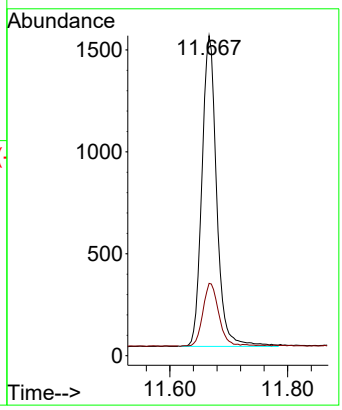


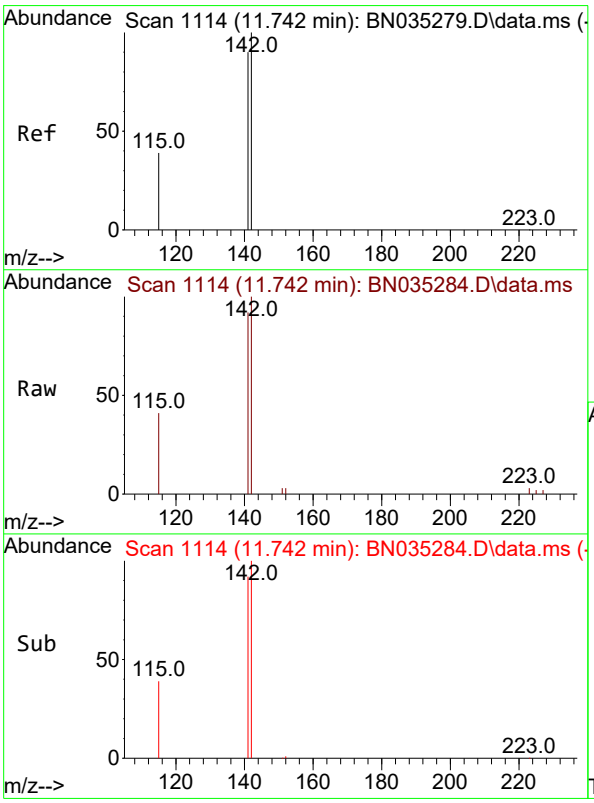
#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.667 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:152 Resp: 2635

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8

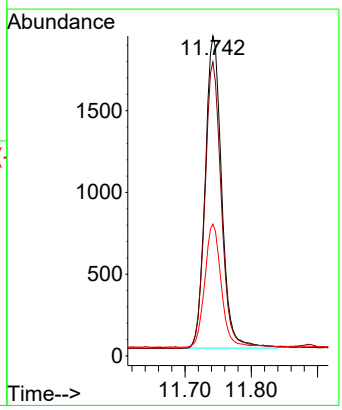


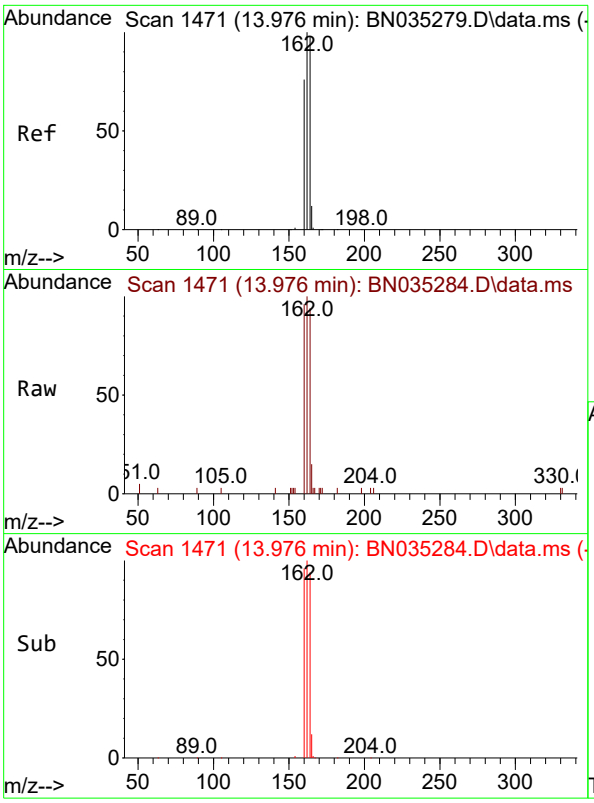


#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:142 Resp: 3297

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.8	107.8
115	41.2	32.6	49.0



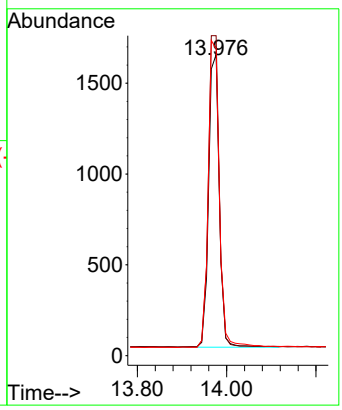


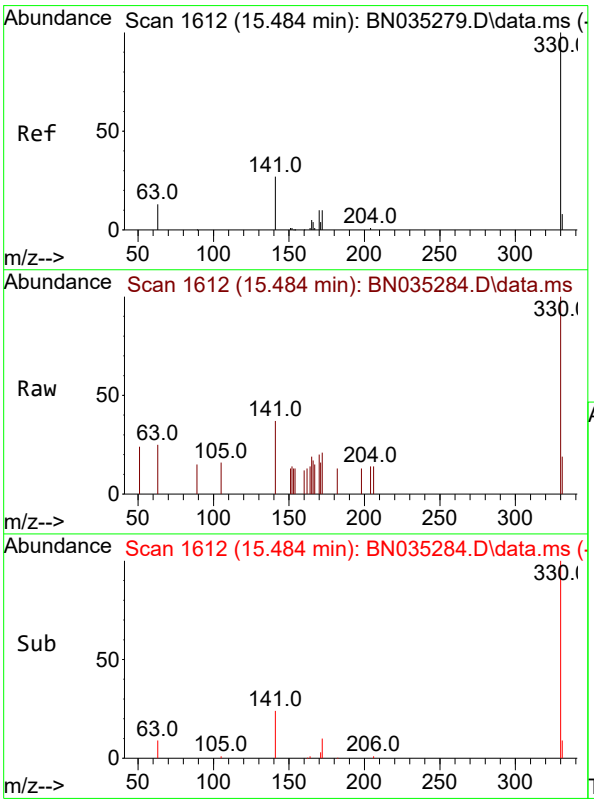
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.976 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:164 Resp: 2659

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.0	123.0
160	101.9	63.0	94.4#

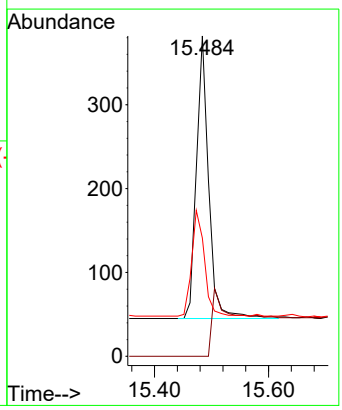


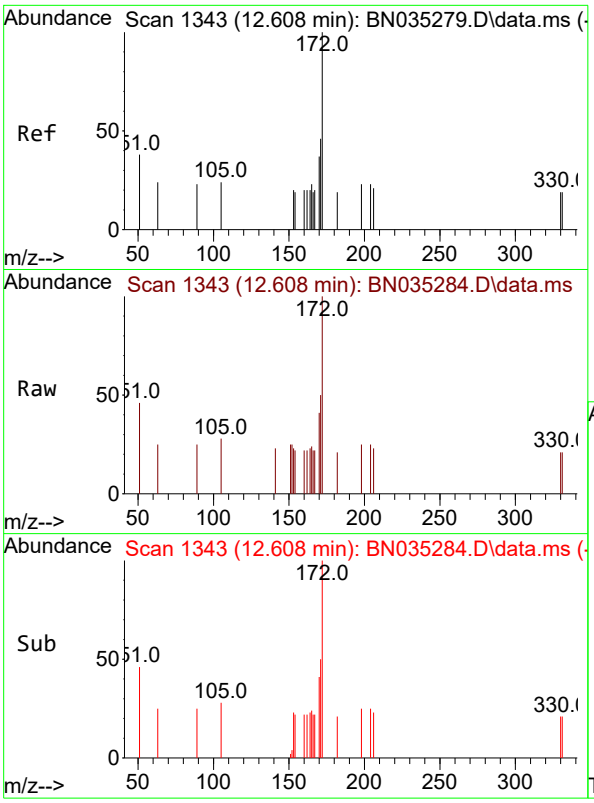


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.484 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:330 Resp: 546

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	32.4	48.6



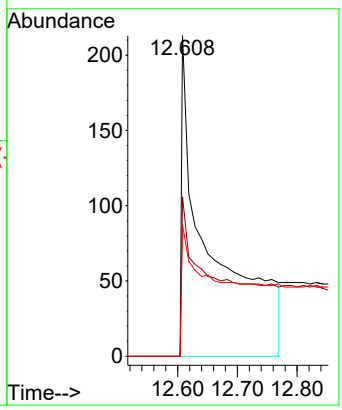


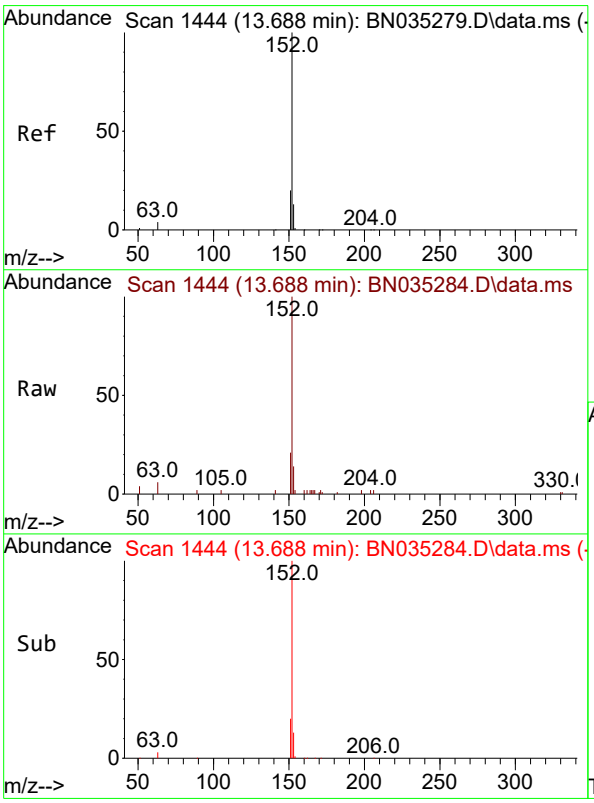
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 12.608 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:172 Resp: 683

Ion	Ratio	Lower	Upper
172	100		
171	49.8	36.6	55.0
170	40.8	29.7	44.5

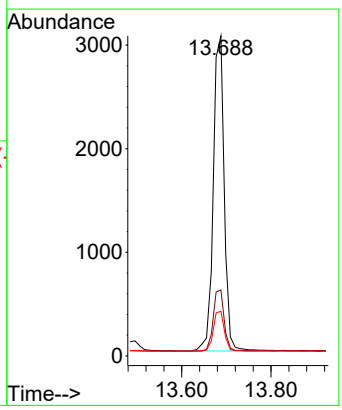


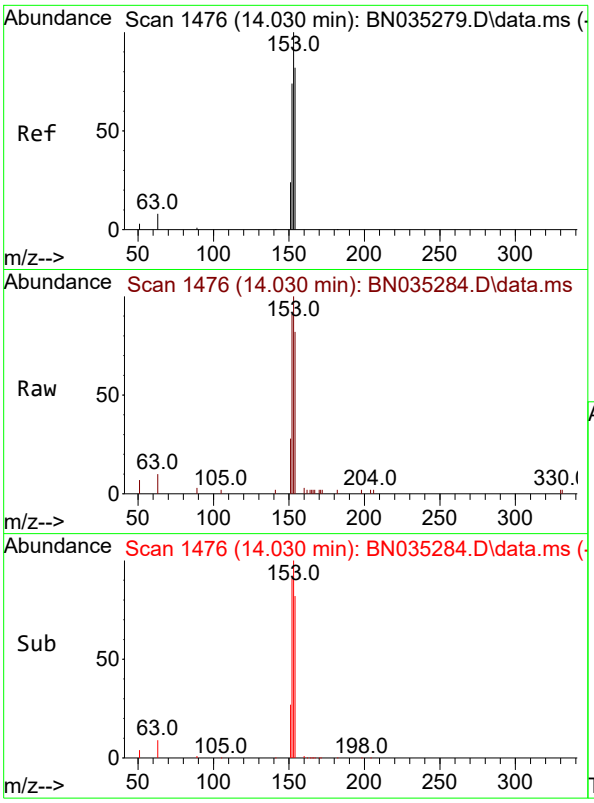


#16
Acenaphthylene
Concen: 0.387 ng
RT: 13.688 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:152 Resp: 5175

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	12.9	10.2	15.4



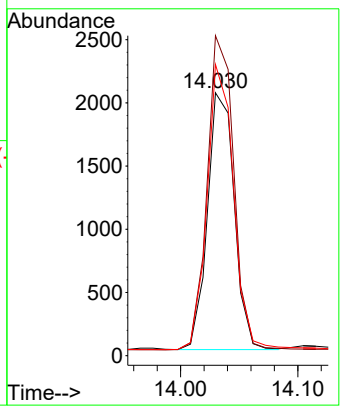


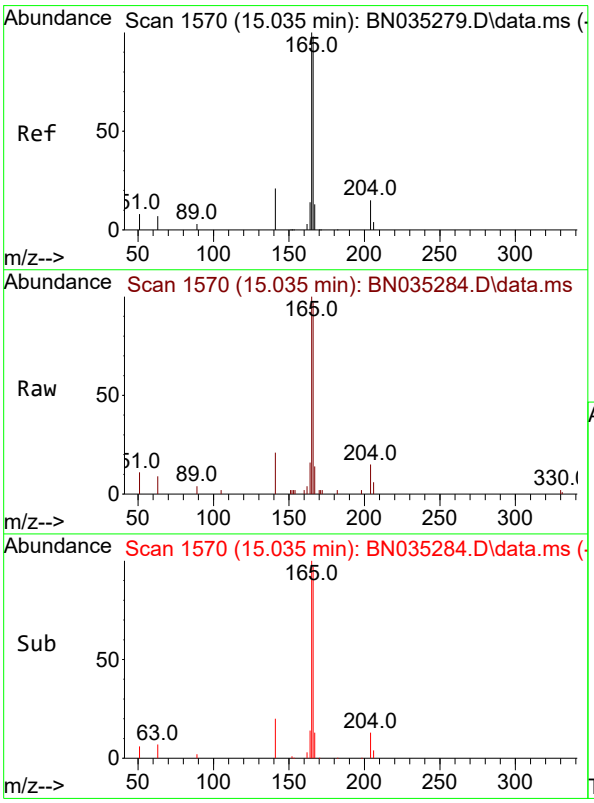
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.030 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:154 Resp: 3227

Ion	Ratio	Lower	Upper
154	100		
153	121.8	96.1	144.1
152	111.1	72.2	108.2#

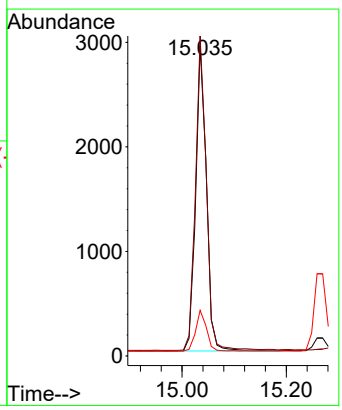


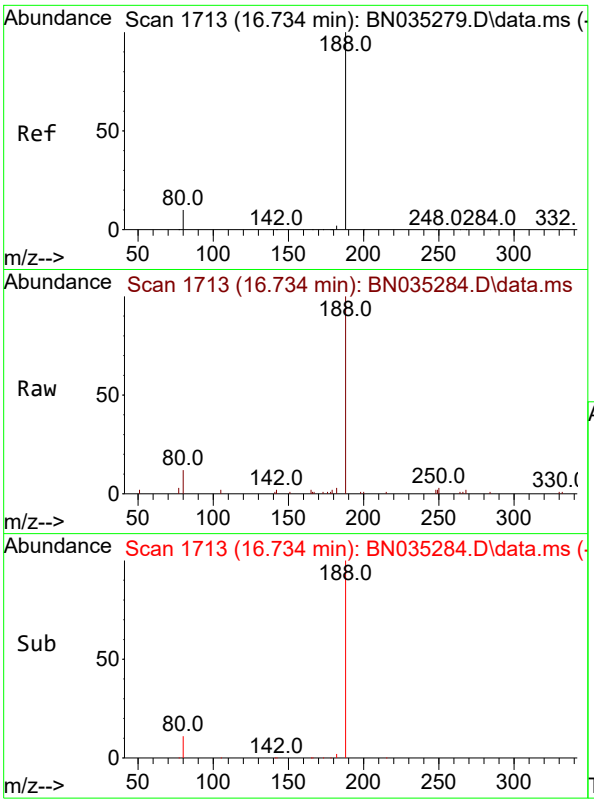


#18
Fluorene
Concen: 0.355 ng
RT: 15.035 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:166 Resp: 4194

Ion	Ratio	Lower	Upper
166	100		
165	104.2	81.2	121.8
167	13.7	10.5	15.7



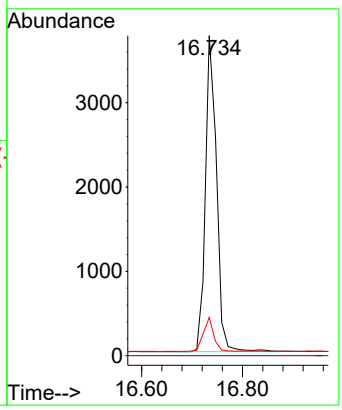


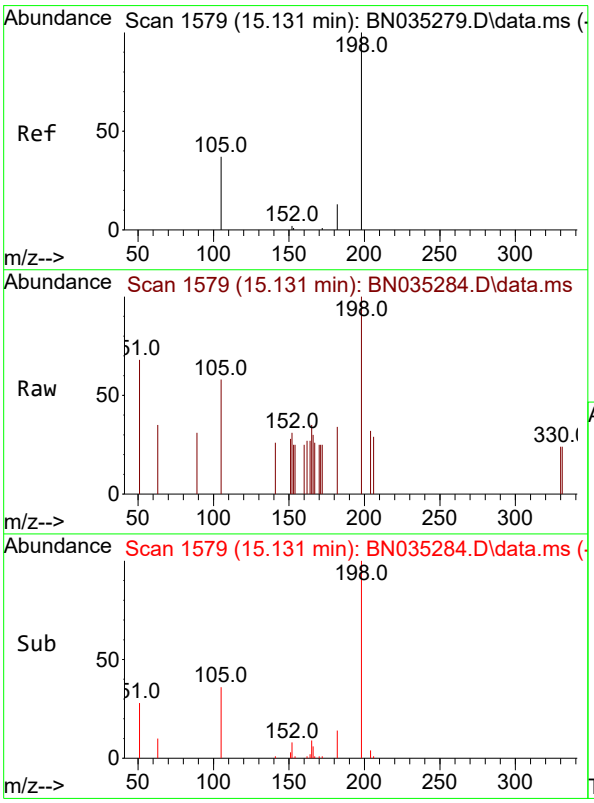
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:188 Resp: 5748

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	8.9	13.3

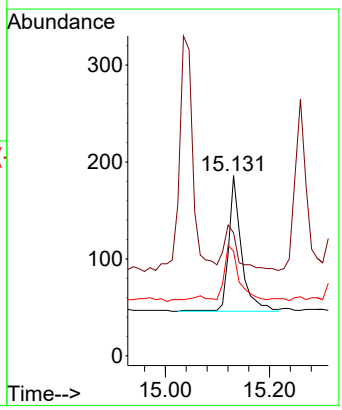


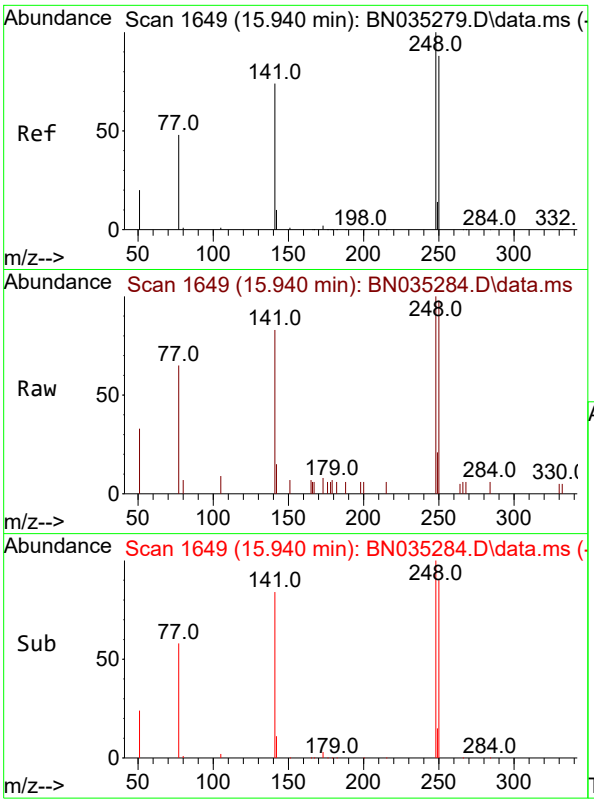


#20
4,6-Dinitro-2-methylphenol
Concen: 0.477 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:198 Resp: 239

Ion	Ratio	Lower	Upper
198	100		
51	68.3	53.6	80.4
105	58.1	47.4	71.2



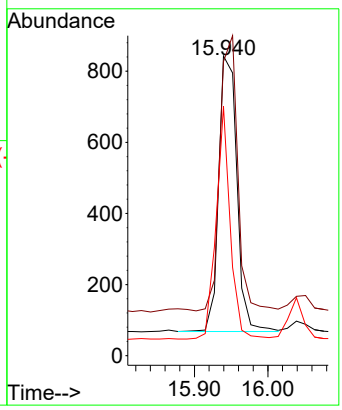


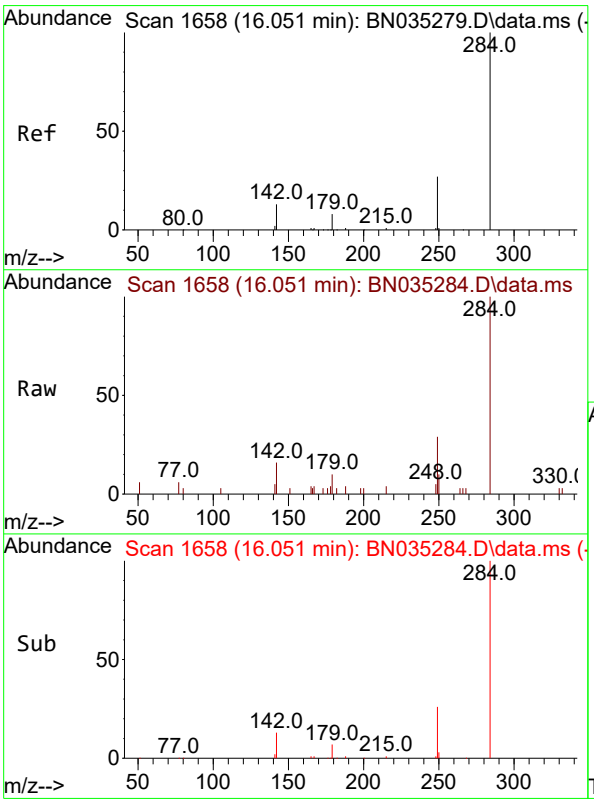
#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 15.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:248 Resp: 1328

Ion	Ratio	Lower	Upper
248	100		
250	98.1	74.8	112.2
141	83.2	59.0	88.4

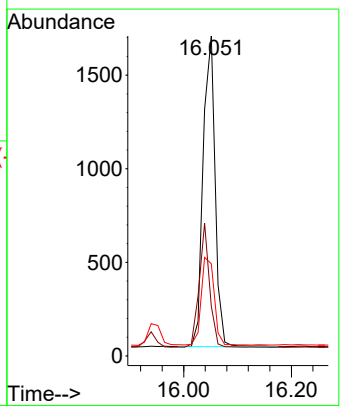


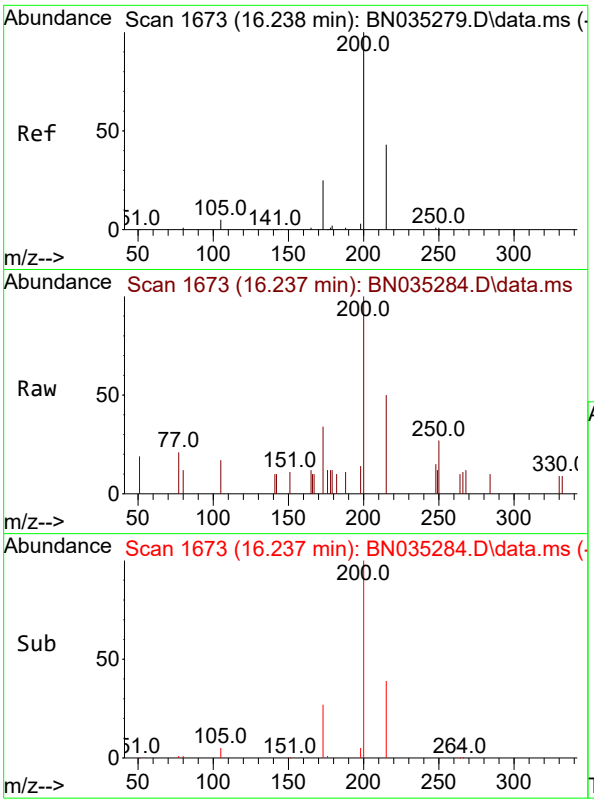


#22
Hexachlorobenzene
Concen: 0.491 ng
RT: 16.051 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:284 Resp: 2564

Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.7	43.1
249	30.5	25.4	38.0



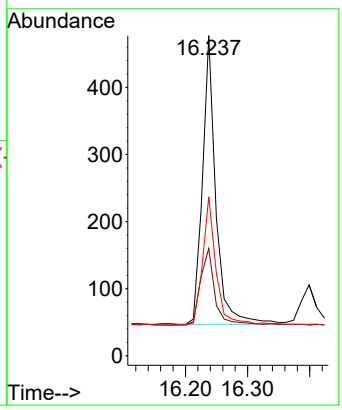


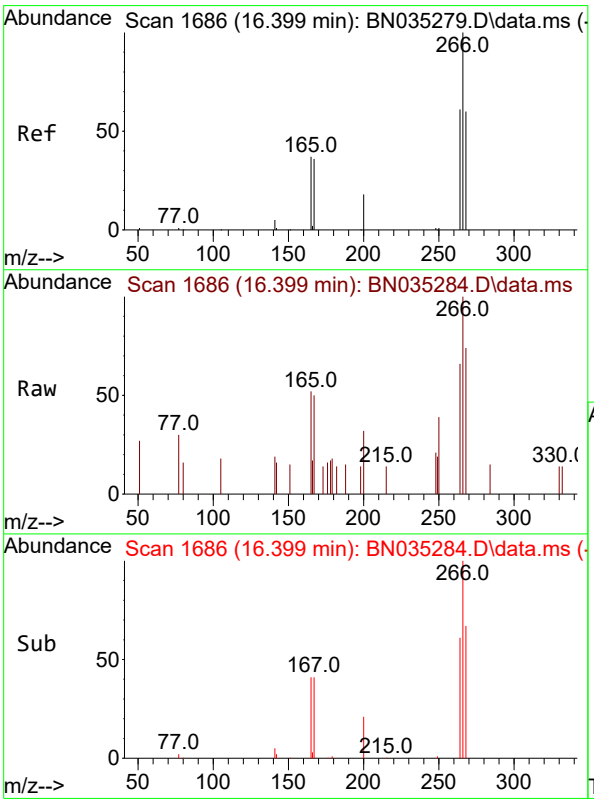
#23
Atrazine
Concen: 0.419 ng
RT: 16.237 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:200 Resp: 643

Ion	Ratio	Lower	Upper
200	100		
173	33.5	25.8	38.8
215	49.7	38.6	58.0

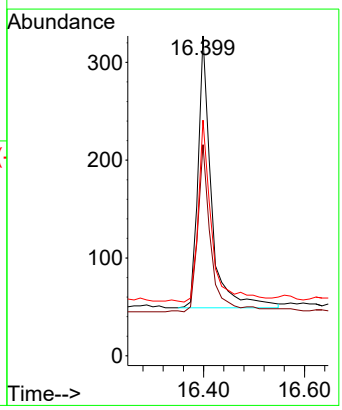


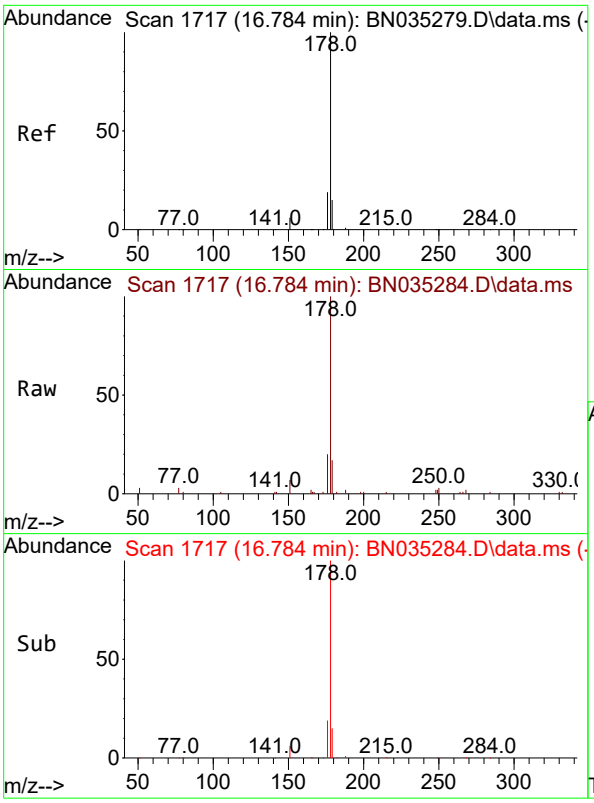


#24
Pentachlorophenol
Concen: 0.407 ng
RT: 16.399 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:266 Resp: 510

Ion	Ratio	Lower	Upper
266	100		
264	59.8	49.3	73.9
268	66.9	48.6	73.0



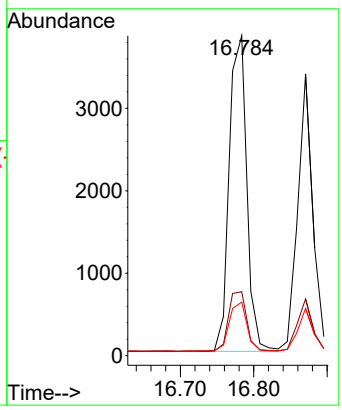


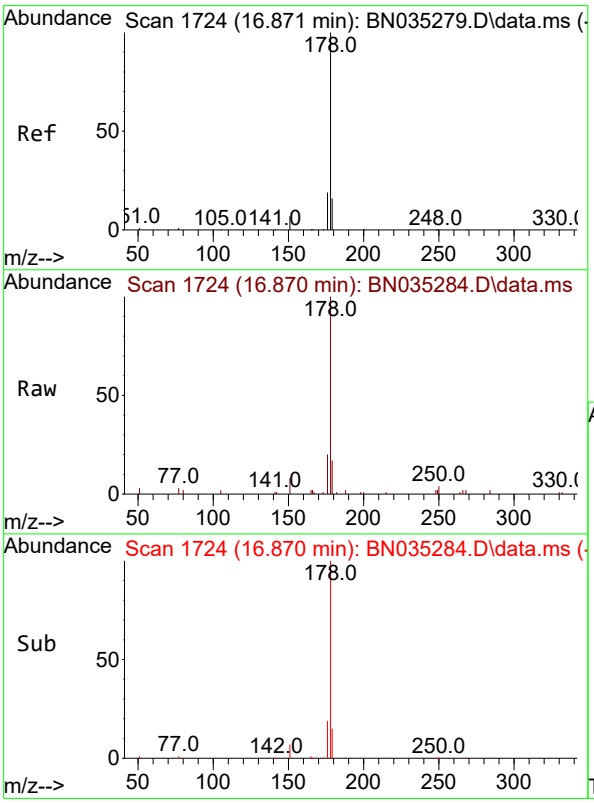
#25
Phenanthrene
Concen: 0.362 ng
RT: 16.784 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:178 Resp: 6385

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.8	12.6	18.8

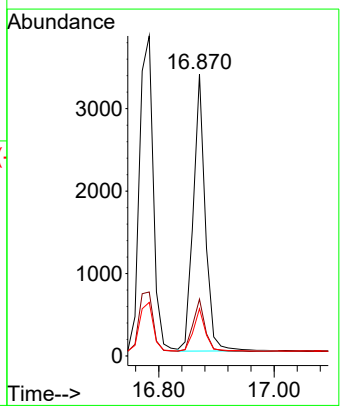


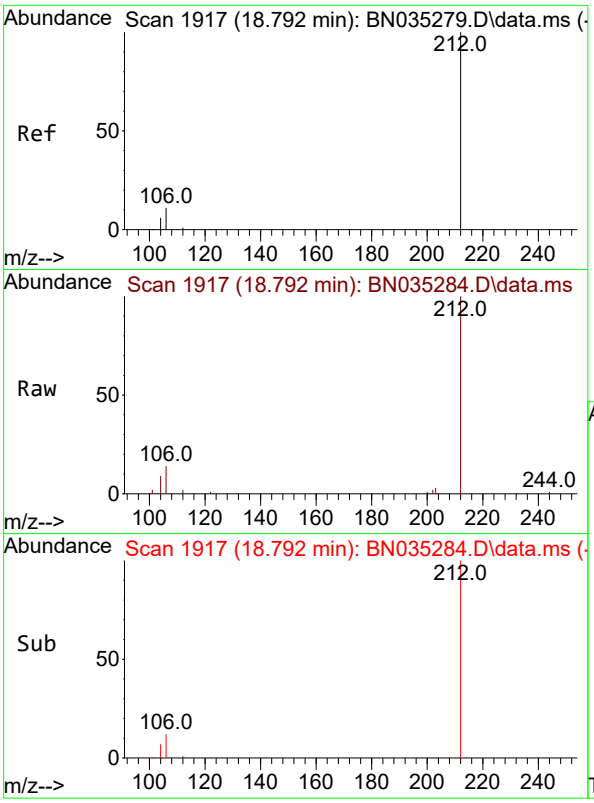


#26
Anthracene
Concen: 0.320 ng
RT: 16.870 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:178 Resp: 4852

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.4	18.6



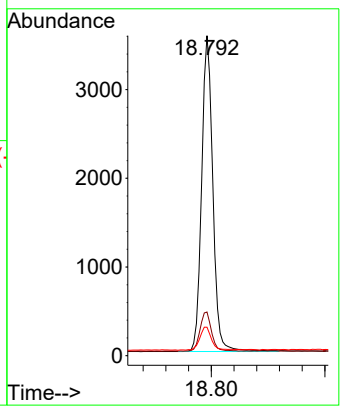


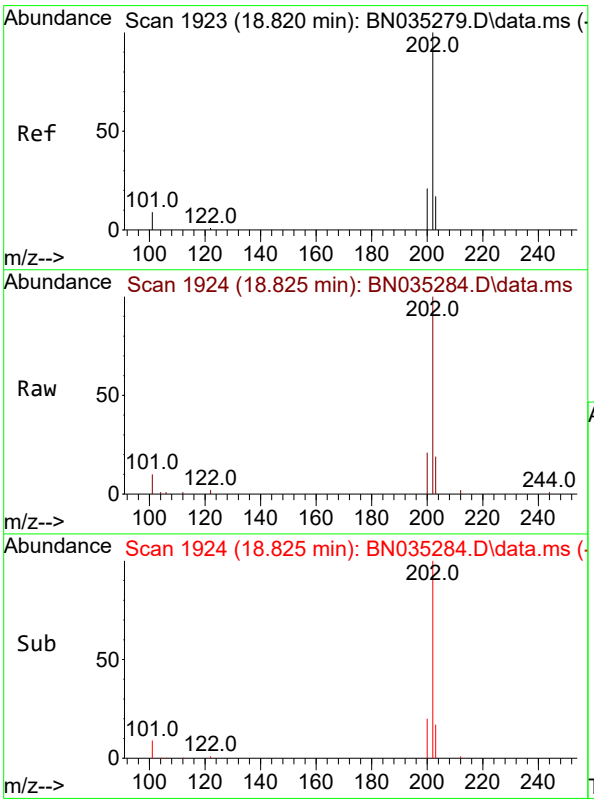
#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 18.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:212 Resp: 4874

Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.8	14.8
104	7.9	5.6	8.4

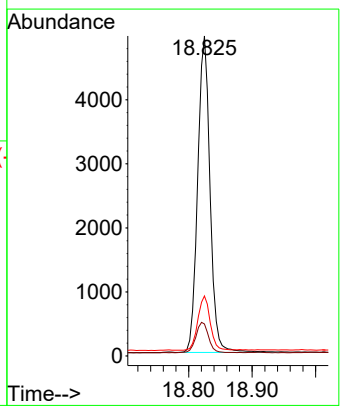


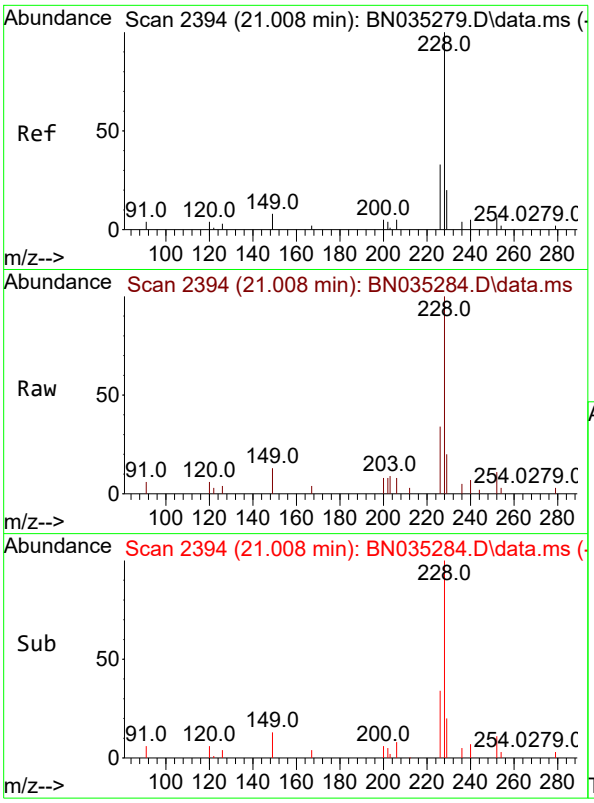


#28
Fluoranthene
Concen: 0.300 ng
RT: 18.825 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:202 Resp: 6686

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.6	11.4
203	17.1	13.8	20.8



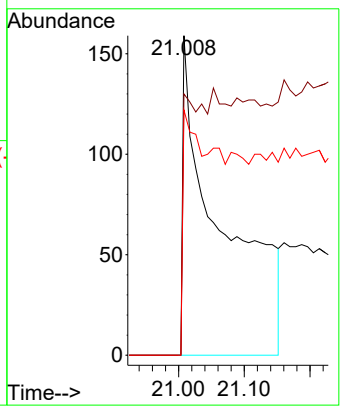


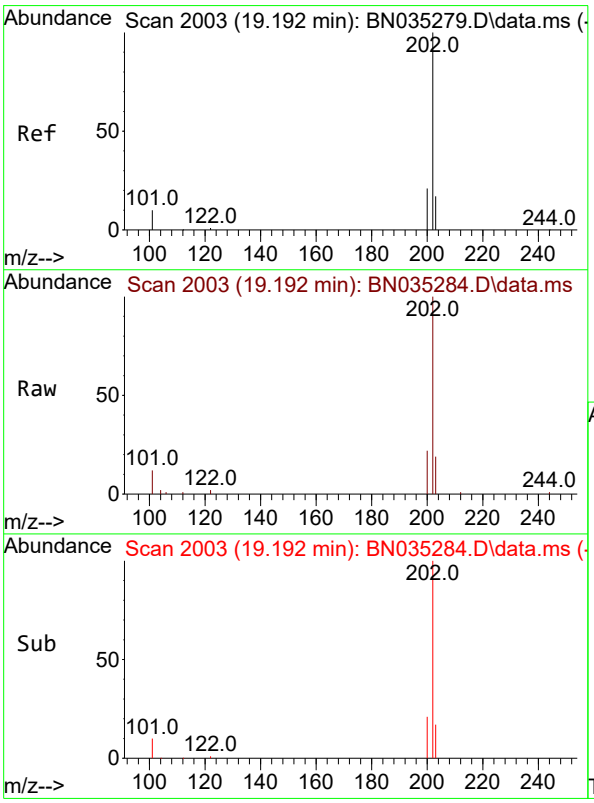
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:240 Resp: 611

Ion	Ratio	Lower	Upper
240	100		
120	81.8	54.9	82.3
236	76.7	54.0	81.0

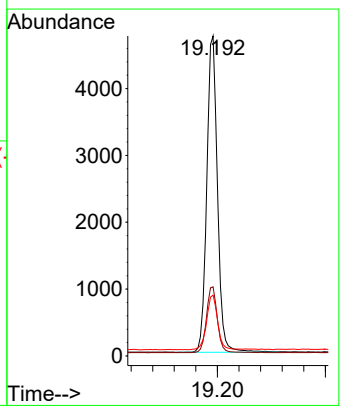


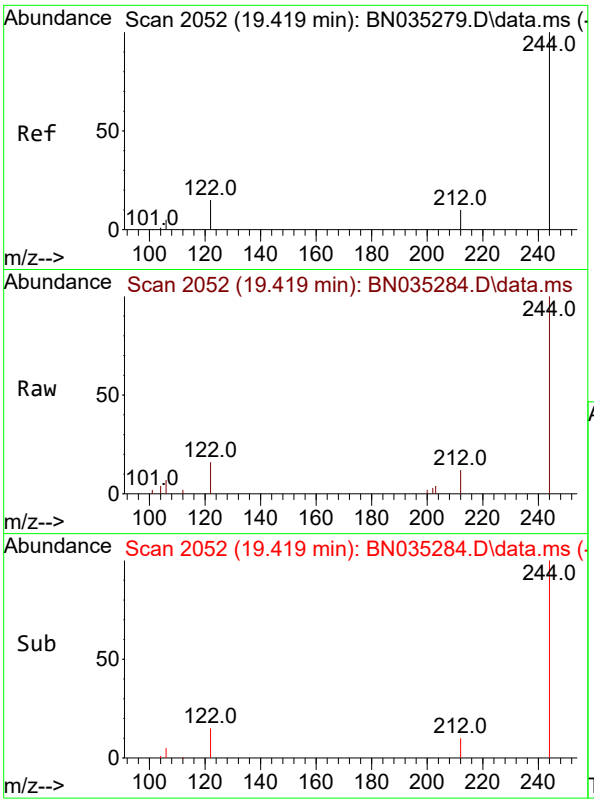


#30
Pyrene
Concen: 0.294 ng
RT: 19.192 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:202 Resp: 6525

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.9	14.4	21.6



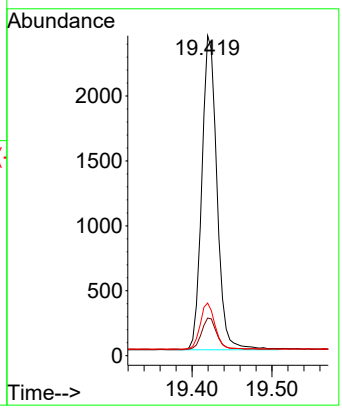


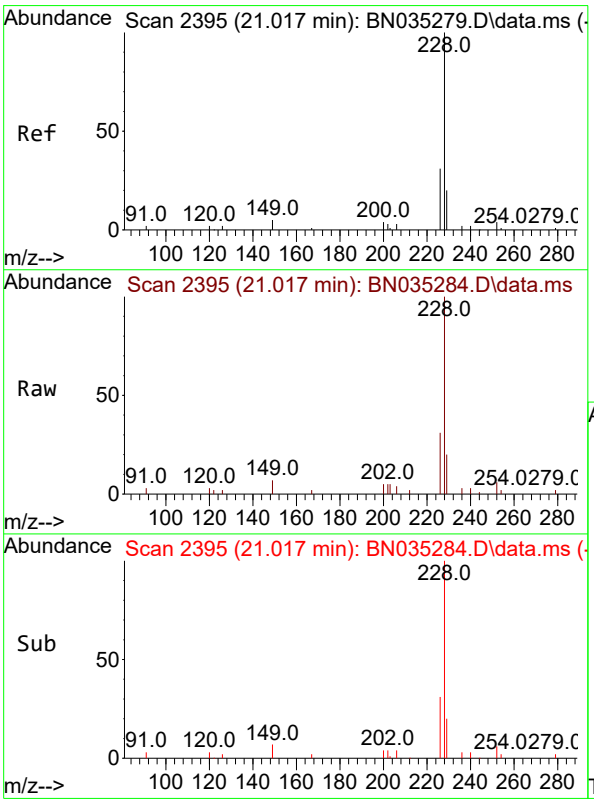
#31
Terphenyl-d14
Concen: 0.282 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:244 Resp: 3187

Ion	Ratio	Lower	Upper
244	100		
212	11.8	9.4	14.0
122	16.4	13.0	19.4

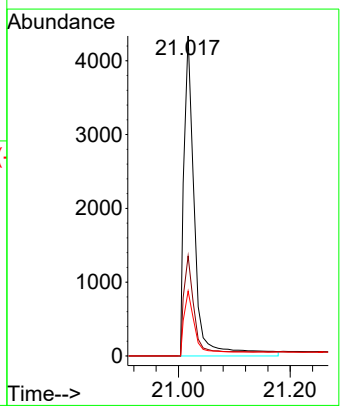


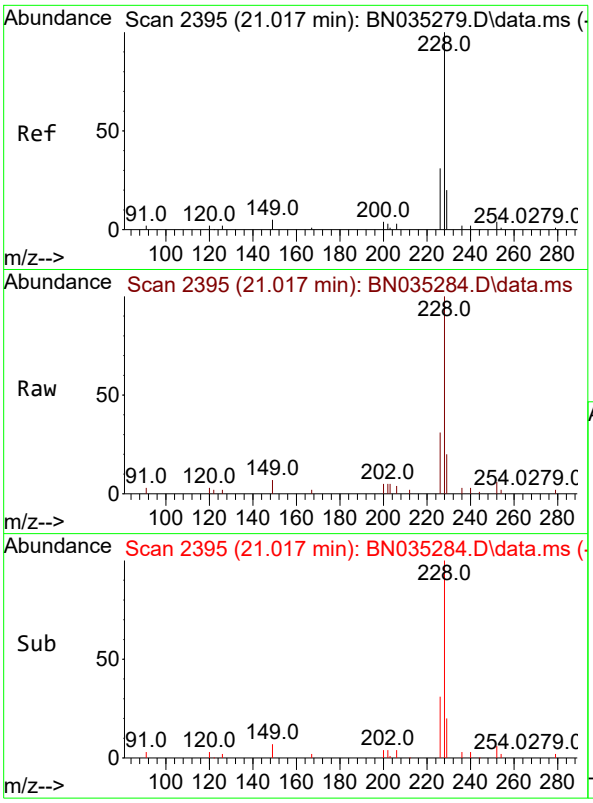


#32
Benzo(a)anthracene
Concen: 0.273 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:228 Resp: 5799

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.3	16.2	24.2



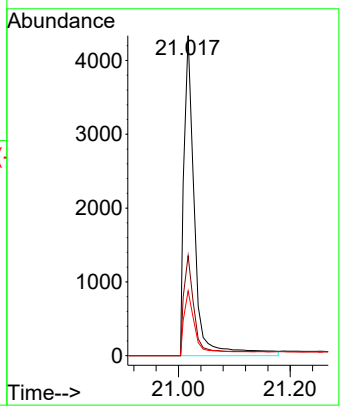


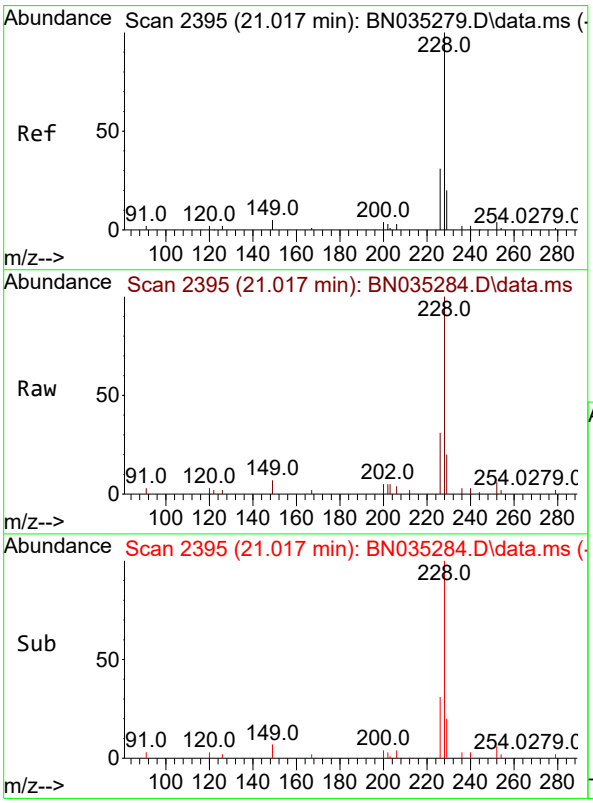
#33
Chrysene
Concen: 0.273 ng
RT: 21.017 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:228 Resp: 5799

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.3	16.2	24.2

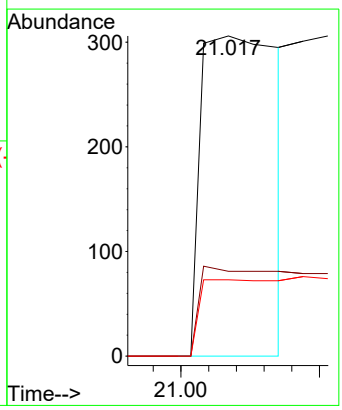


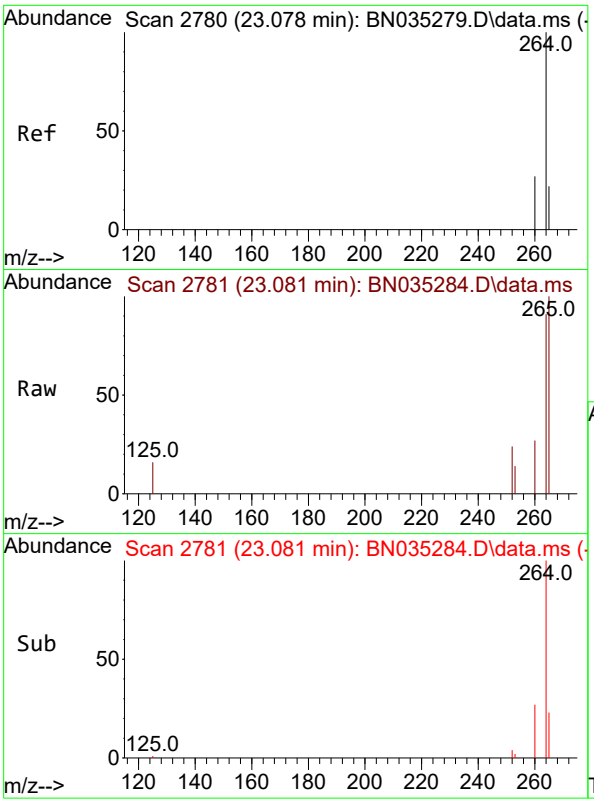


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:149 Resp: 520

Ion	Ratio	Lower	Upper
149	100		
167	35.4	0.0	0.0#
279	17.1	13.0	19.6



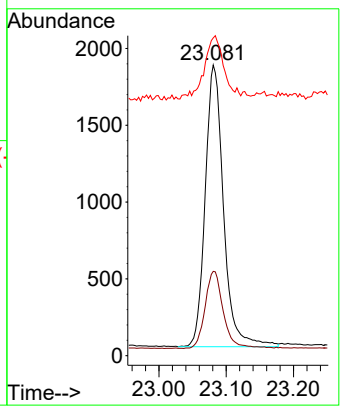


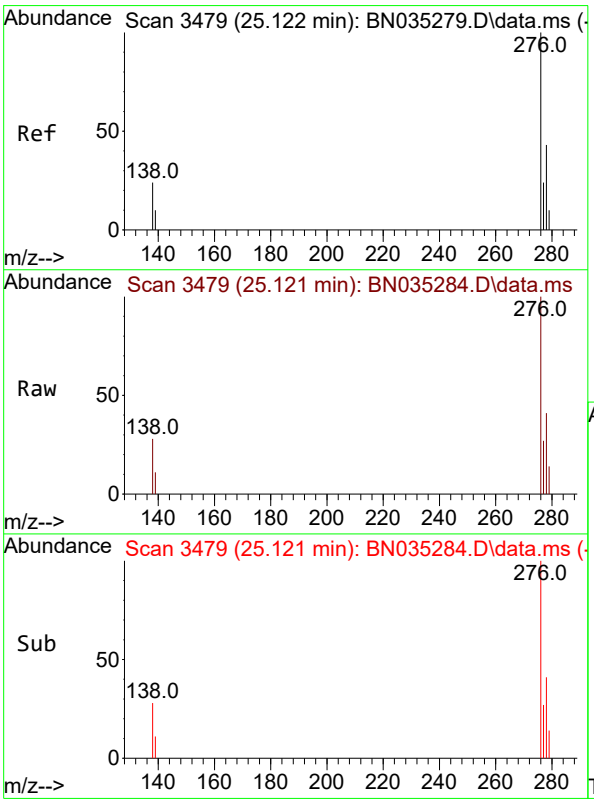
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.081 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:264 Resp: 3470

Ion	Ratio	Lower	Upper
264	100		
260	29.0	22.3	33.5
265	109.3	68.6	103.0#

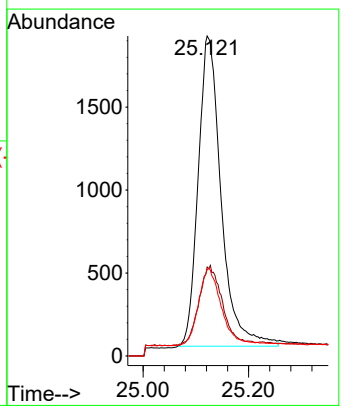


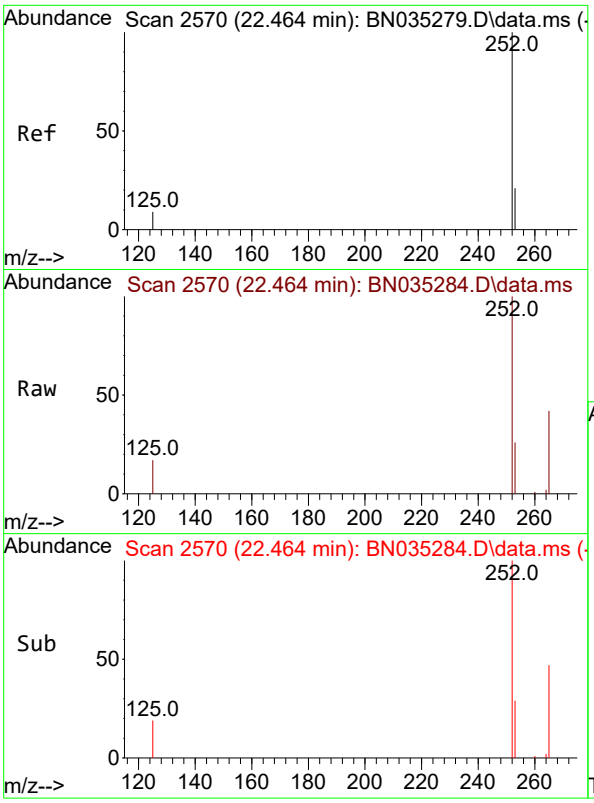


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.121 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:276 Resp: 5652

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.8	28.2
277	23.0	18.2	27.4



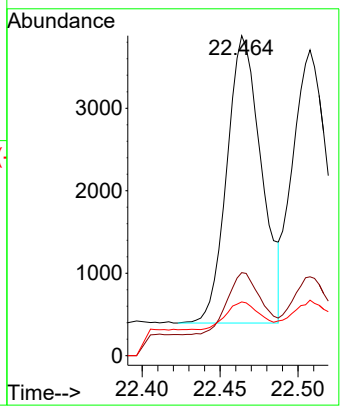


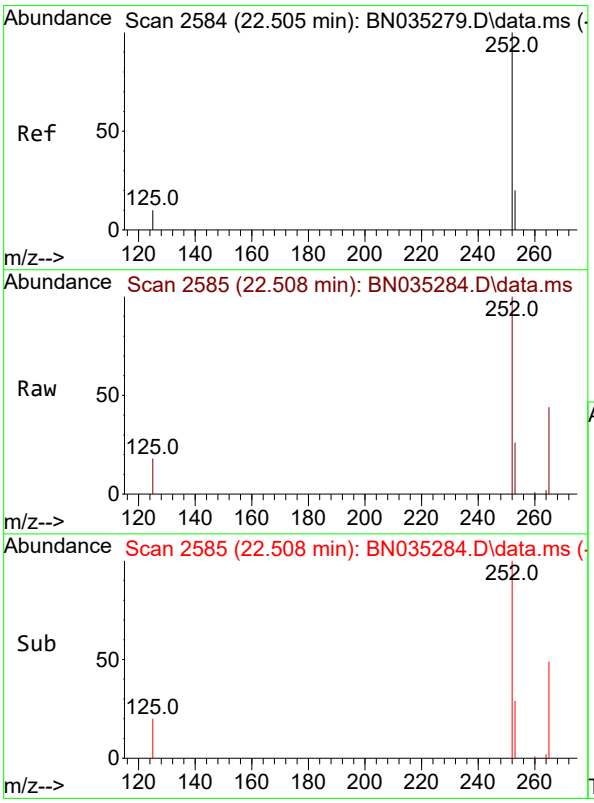
#37
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:252 Resp: 5358

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.2	30.2
125	16.8	12.0	18.0

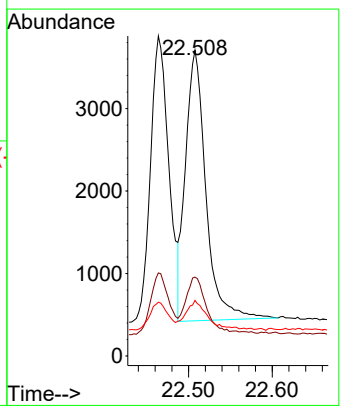


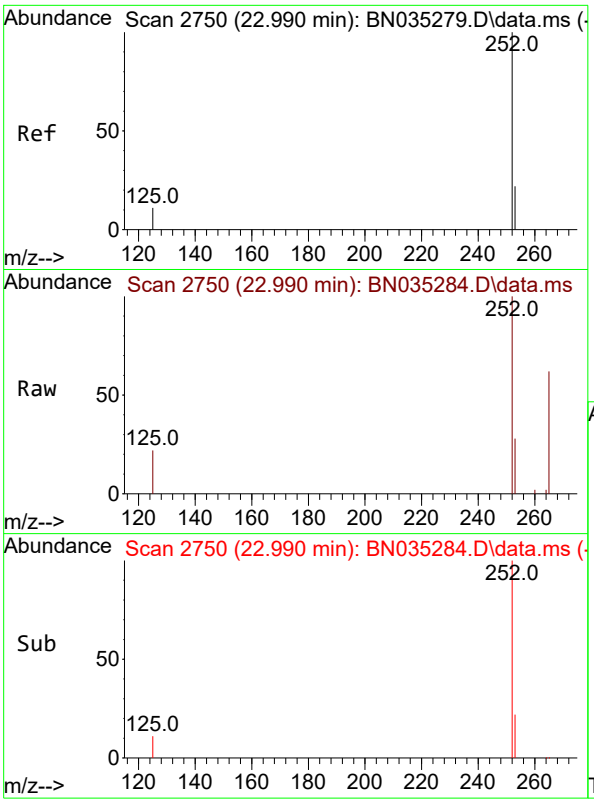


#38
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 22.508 min Scan# 2585
Delta R.T. 0.003 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:252 Resp: 5559

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.1	30.1
125	18.1	12.7	19.1



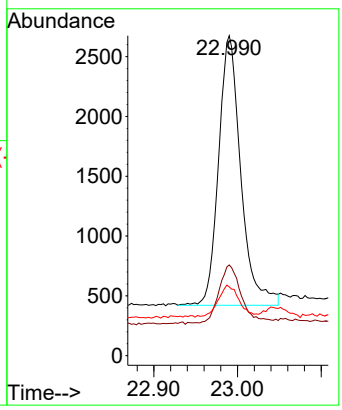


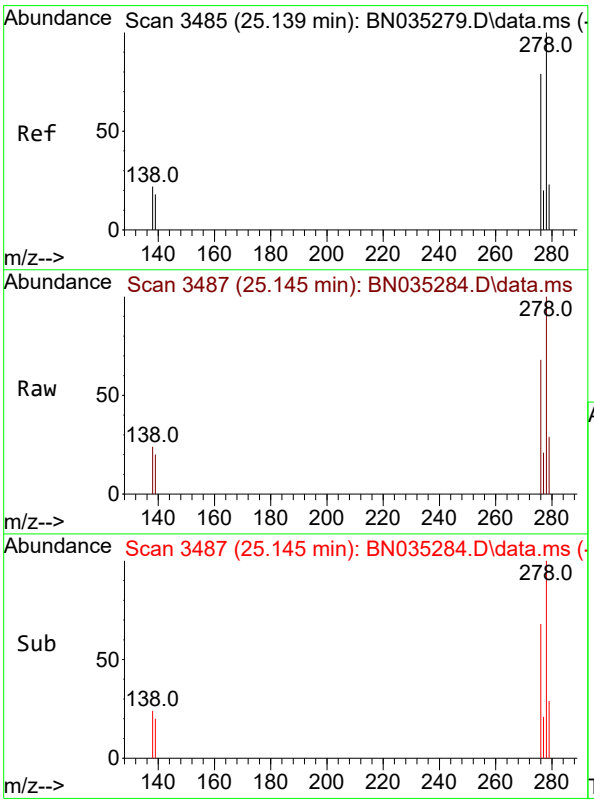
#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 22.990 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:252 Resp: 4167

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.3	33.5
125	21.5	15.3	22.9

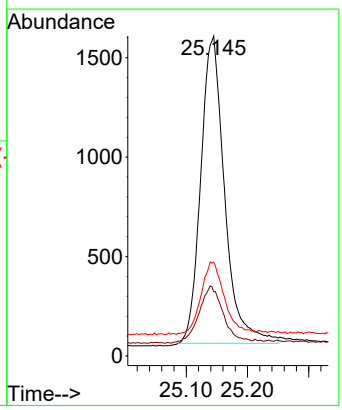


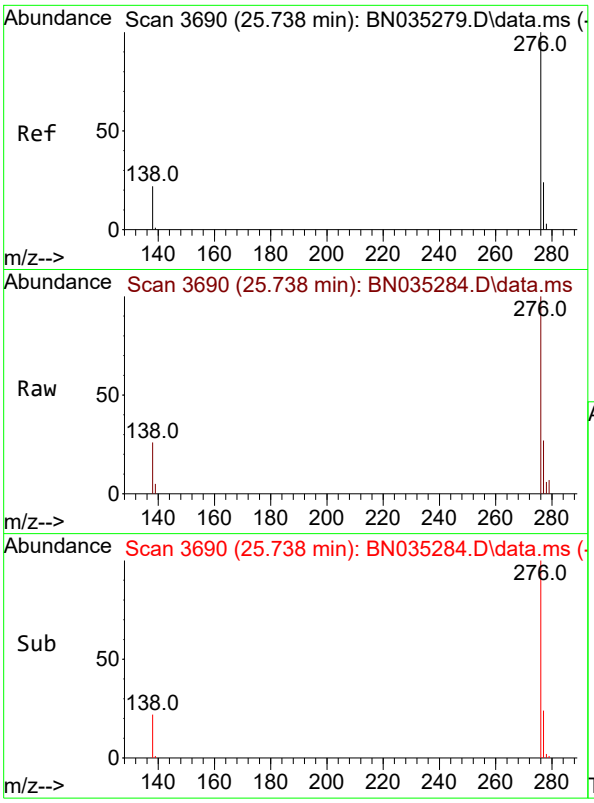


#40
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.145 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Tgt Ion:278 Resp: 4182

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.0	25.6
279	29.3	23.0	34.4





#41
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 25.738 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035284.D
Acq: 25 Nov 2024 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN112524

Tgt Ion:276 Resp: 5121

Ion	Ratio	Lower	Upper
276	100		
277	26.8	21.1	31.7
138	25.7	19.8	29.8