Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029348.D
Acq On : 23 Jan 2024 15:35
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Jan 23 16:02:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

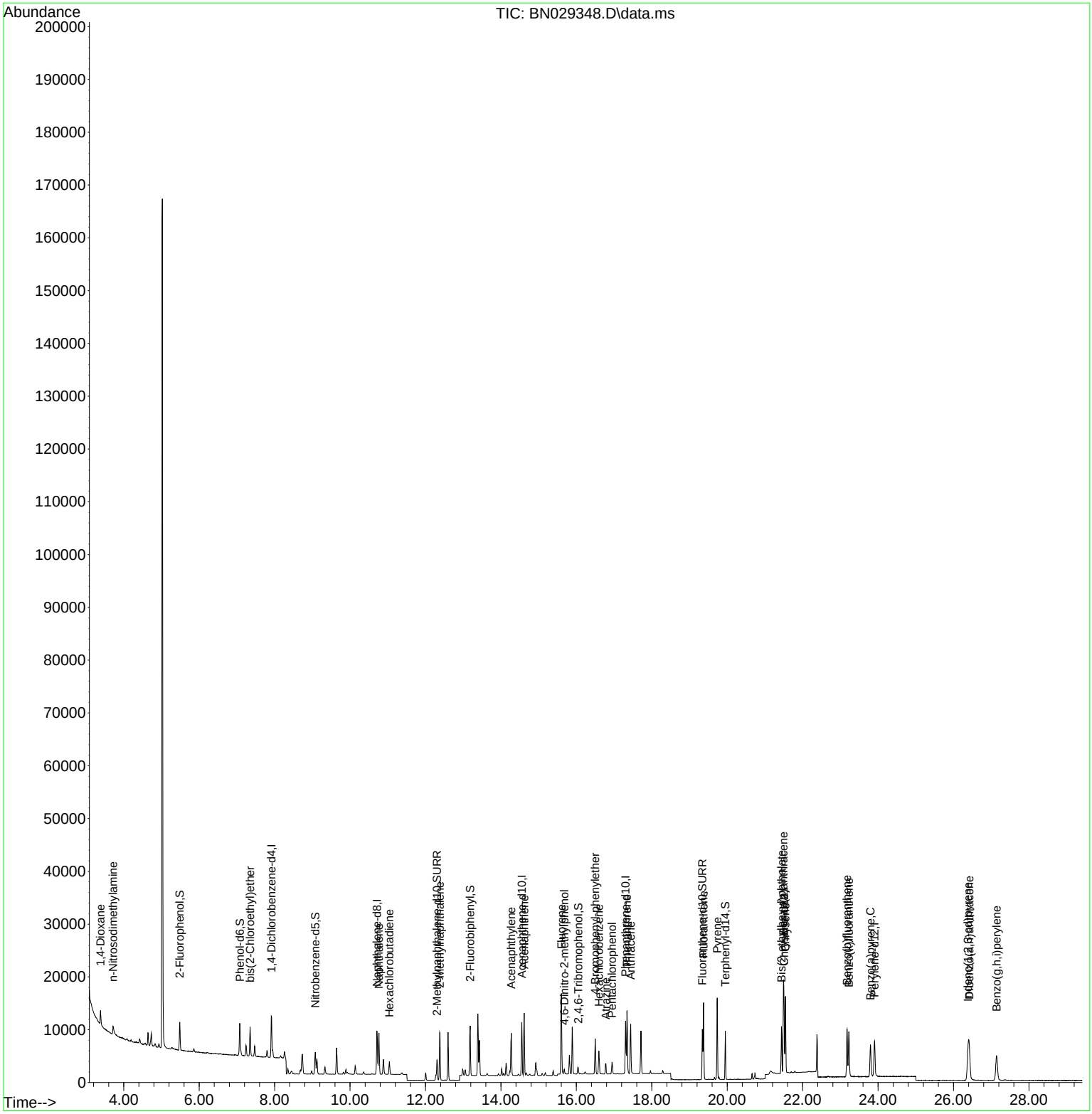
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3799	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	10657	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5427	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	12339	0.400	ng		0.00
29) Chrysene-d12	21.510	240	9991	0.400	ng		0.00
35) Perylene-d12	23.905	264	9529	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	3985	0.395	ng		0.00
5) Phenol-d6	7.082	99	5319	0.395	ng		0.00
8) Nitrobenzene-d5	9.078	82	3335	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	6610	0.375	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	806	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	8148	0.312	ng		0.00
27) Fluoranthene-d10	19.341	212	10085	0.276	ng		0.00
31) Terphenyl-d14	19.949	244	8117	0.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1534	0.311	ng	#	53
3) n-Nitrosodimethylamine	3.716	42	1501	0.300	ng	#	94
6) bis(2-Chloroethyl)ether	7.349	93	3872	0.311	ng		97
9) Naphthalene	10.765	128	9826	0.287	ng		99
10) Hexachlorobutadiene	11.043	225	1846	0.256	ng	#	100
12) 2-Methylnaphthalene	12.378	142	6054	0.272	ng		97
16) Acenaphthylene	14.276	152	8935	0.309	ng		99
17) Acenaphthene	14.618	154	5528	0.284	ng		100
18) Fluorene	15.605	166	7411	0.281	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	573	0.252	ng		97
21) 4-Bromophenyl-phenylether	16.498	248	2333	0.259	ng	#	67
22) Hexachlorobenzene	16.598	284	2832	0.255	ng		95
23) Atrazine	16.784	200	1774	0.269	ng		99
24) Pentachlorophenol	16.945	266	1022	0.275	ng		94
25) Phenanthrene	17.342	178	12233	0.289	ng		99
26) Anthracene	17.442	178	10663	0.285	ng		99
28) Fluoranthene	19.373	202	13132	0.259	ng		98
30) Pyrene	19.735	202	13584	0.298	ng		100
32) Benzo(a)anthracene	21.492	228	11949	0.287	ng		99
33) Chrysene	21.546	228	12175	0.283	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	6454	0.281	ng		98
36) Indeno(1,2,3-cd)pyrene	26.385	276	12428	0.305	ng		97
37) Benzo(b)fluoranthene	23.177	252	11991	0.296	ng		98
38) Benzo(k)fluoranthene	23.227	252	11516	0.289	ng	#	96
39) Benzo(a)pyrene	23.797	252	9387	0.294	ng		97
40) Dibenzo(a,h)anthracene	26.417	278	10041	0.305	ng		97
41) Benzo(g,h,i)perylene	27.145	276	10676	0.302	ng		98

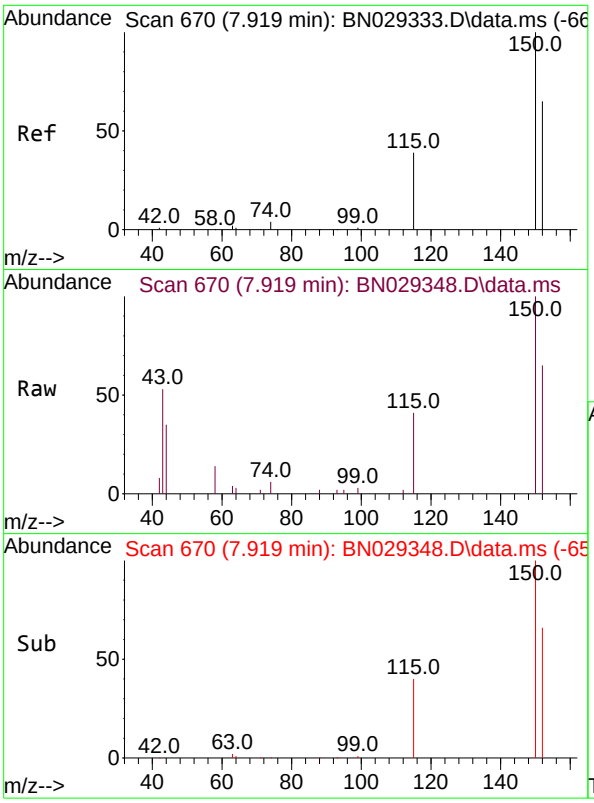
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029348.D
Acq On : 23 Jan 2024 15:35
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Jan 23 16:02:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration



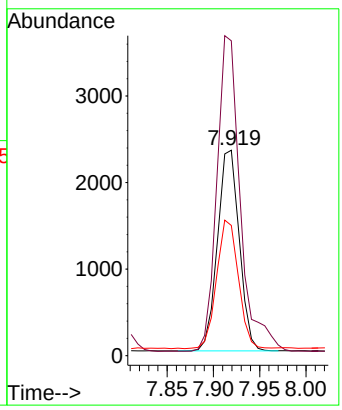


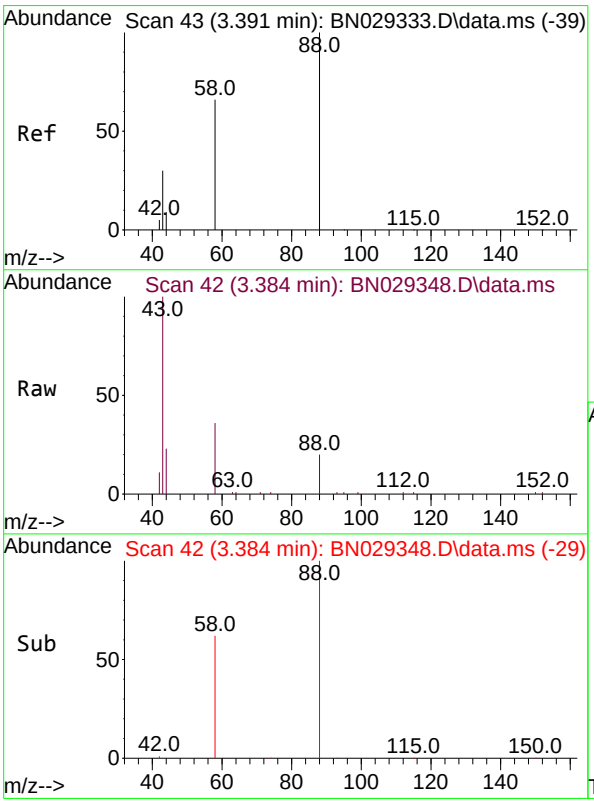
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:152 Resp: 3799

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.1	181.7
115	63.4	49.8	74.6

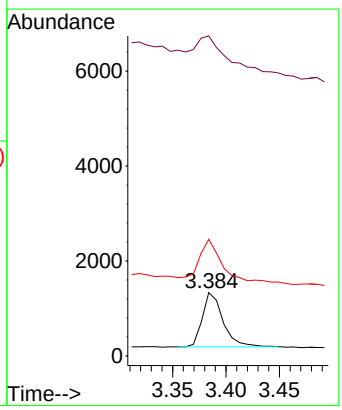


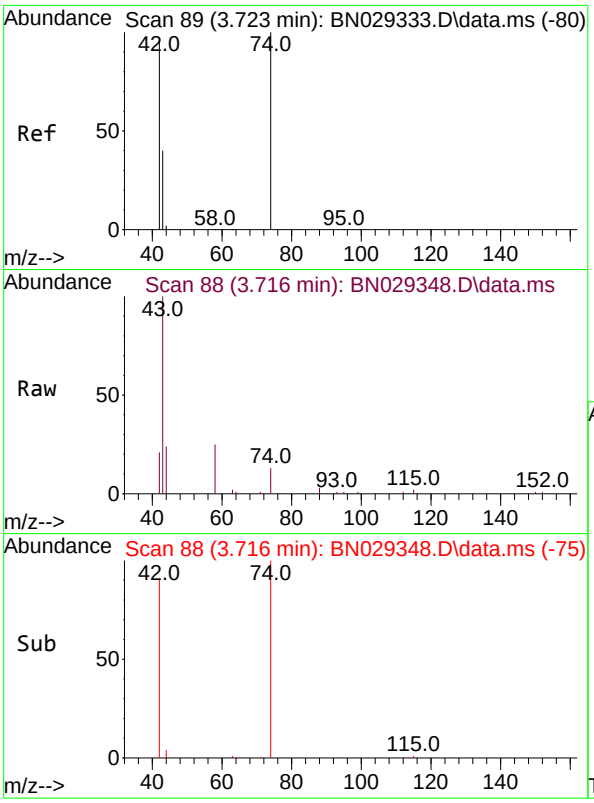


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.384 min Scan# 42
Delta R.T. -0.007 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion: 88 Resp: 1534

Ion	Ratio	Lower	Upper
88	100		
43	102.0	29.2	43.8#
58	85.2	57.8	86.8



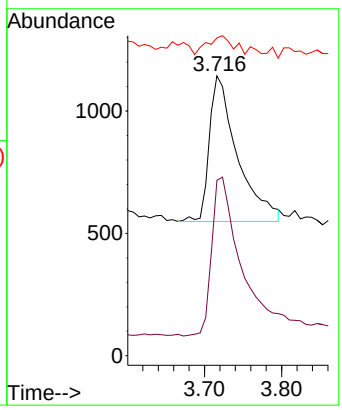


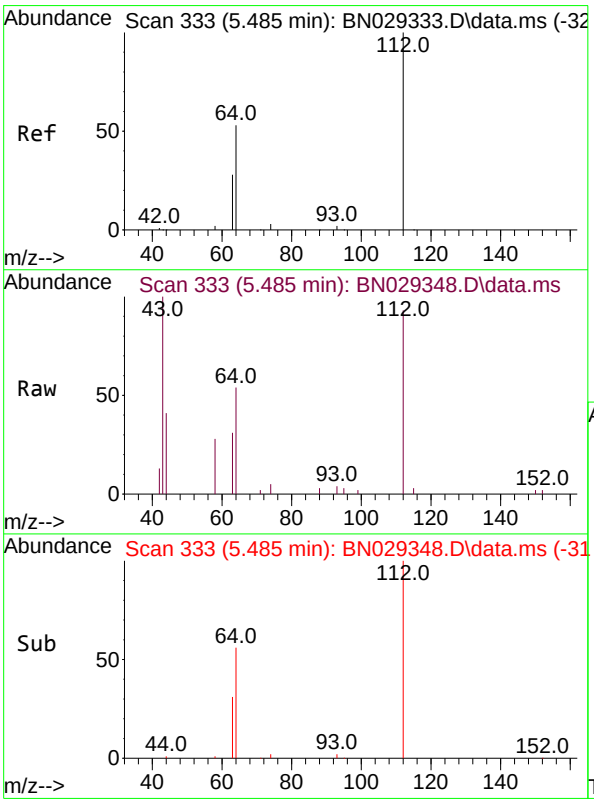
#3
n-Nitrosodimethylamine
Concen: 0.300 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion: 42 Resp: 1501

Ion	Ratio	Lower	Upper
42	100		
74	114.7	87.4	131.0
44	11.3	3.1	4.7#

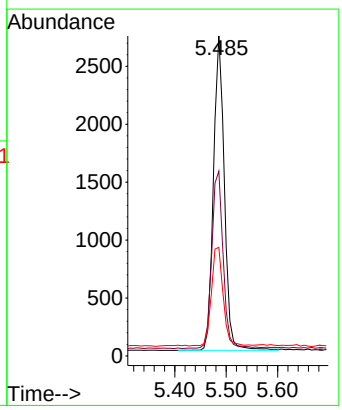


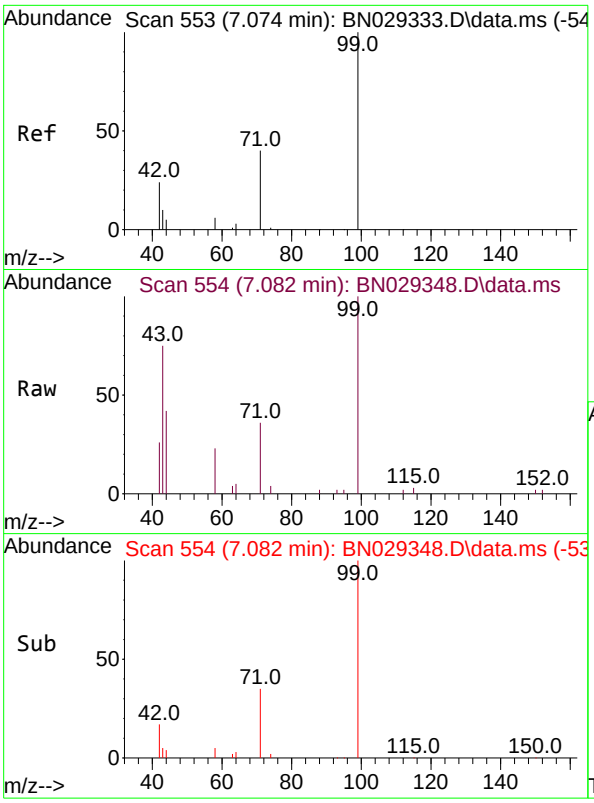


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.485 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:112 Resp: 3985

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.6	71.4
63	33.8	27.0	40.6



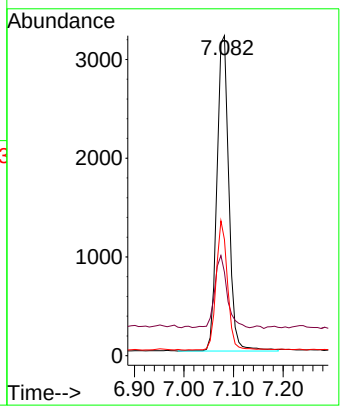


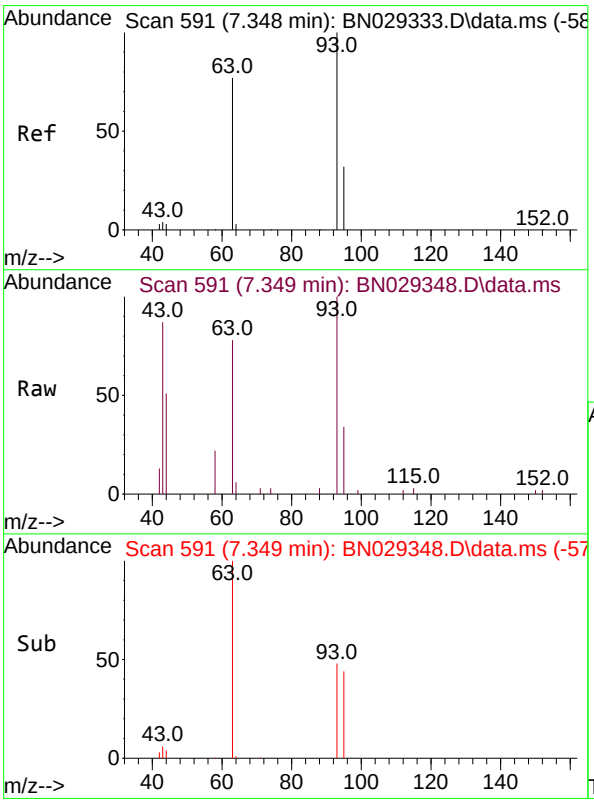
#5
Phenol-d6
Concen: 0.395 ng
RT: 7.082 min Scan# 5
Delta R.T. 0.008 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion: 99 Resp: 5319

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.3	28.9
71	39.1	31.0	46.6

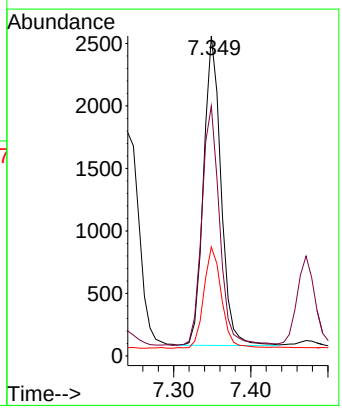


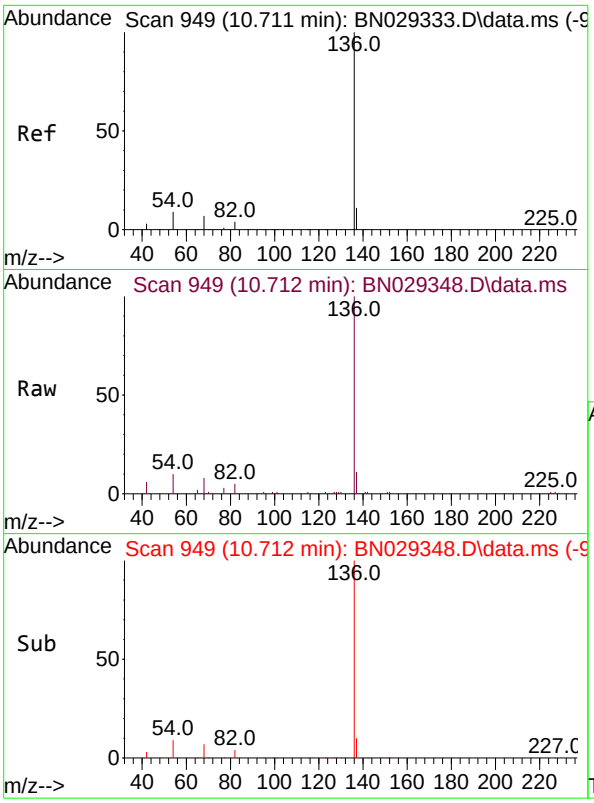


#6
bis(2-Chloroethyl)ether
Concen: 0.311 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion: 93 Resp: 3872

Ion	Ratio	Lower	Upper
93	100		
63	79.2	61.0	91.4
95	33.4	26.5	39.7



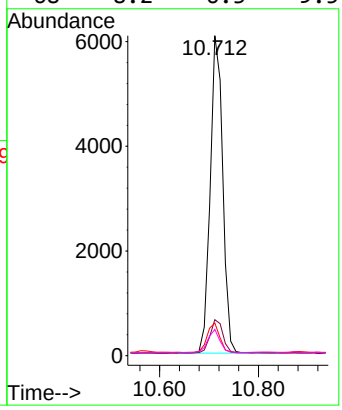


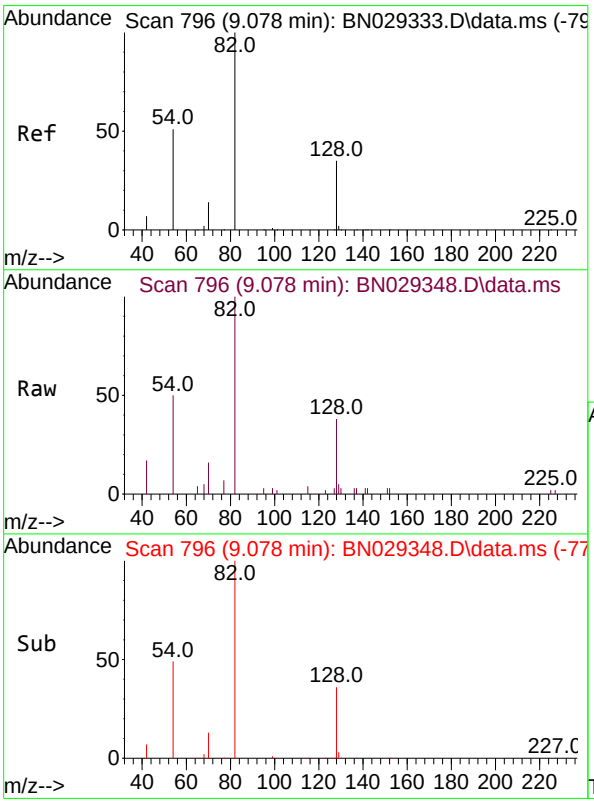
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:136 Resp: 10657

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	10.2	7.9	11.9
68	8.2	6.3	9.5

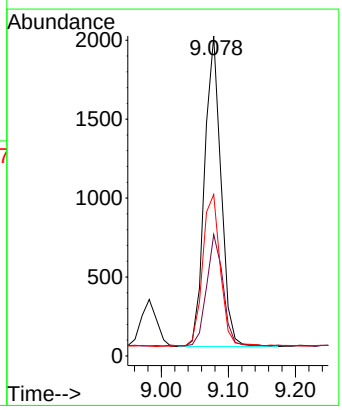


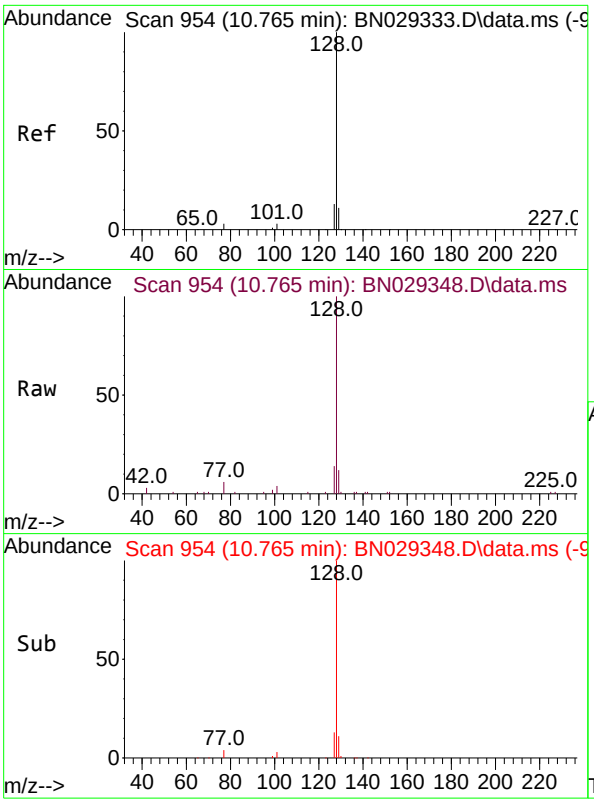


#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion: 82 Resp: 3335

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.8	44.6
54	50.5	42.5	63.7



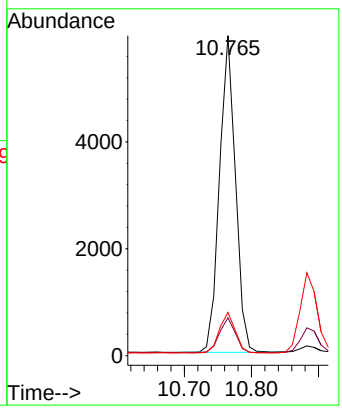


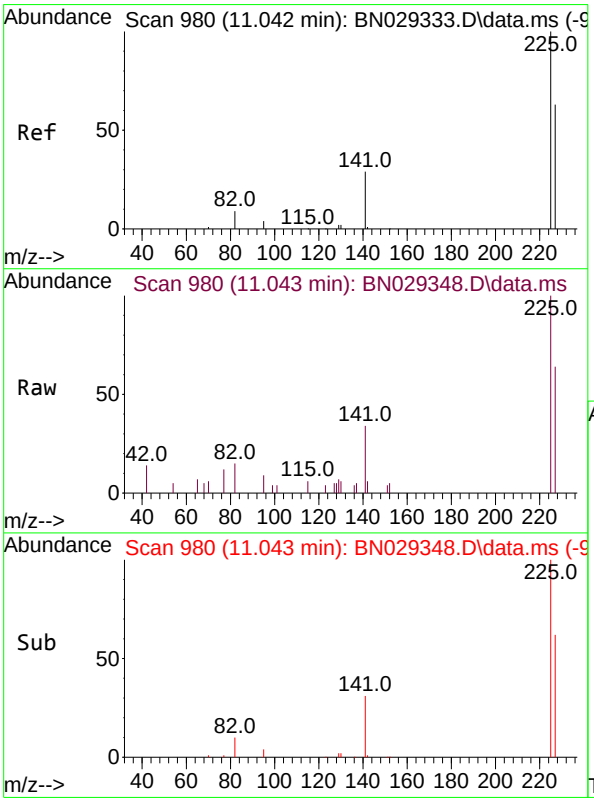
#9
Naphthalene
Concen: 0.287 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:128 Resp: 9826

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.5	11.3	16.9

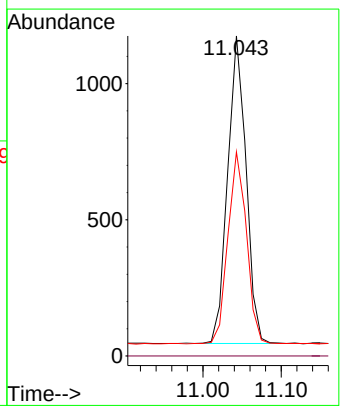


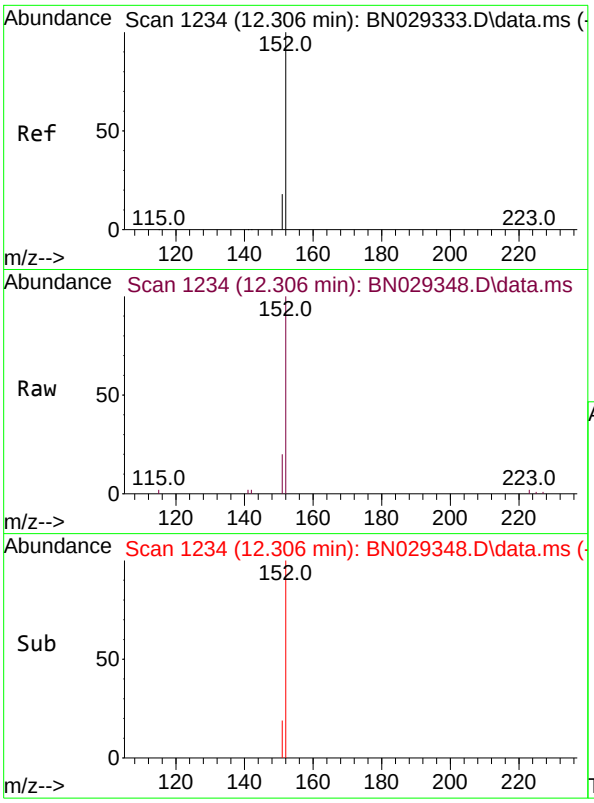


#10
Hexachlorobutadiene
Concen: 0.256 ng
RT: 11.043 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:225 Resp: 1846

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.6	76.0



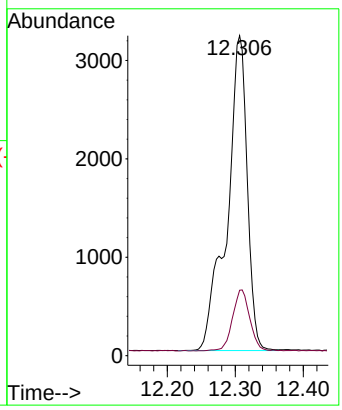


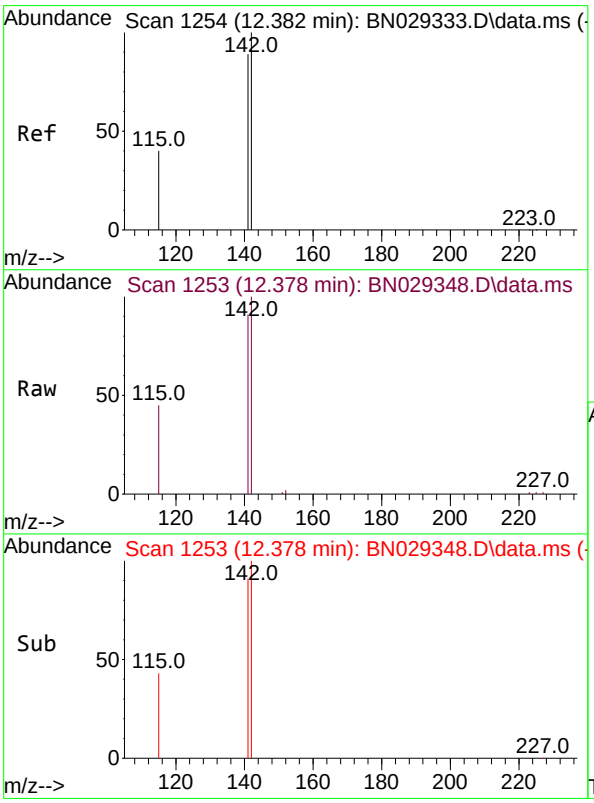
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:152 Resp: 6610

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.9	25.3#

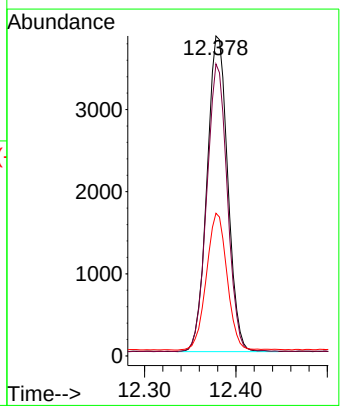


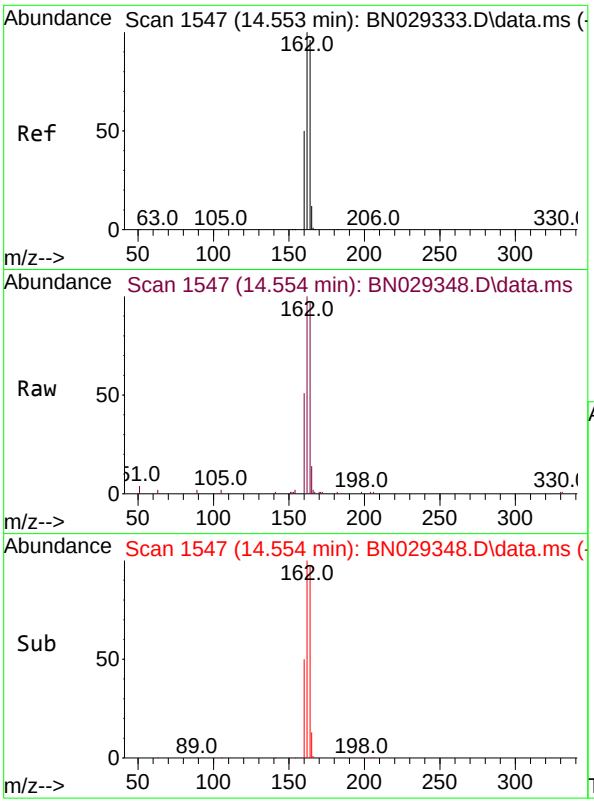


#12
2-Methylnaphthalene
Concen: 0.272 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.003 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:142 Resp: 6054

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.1	106.7
115	44.6	33.4	50.0



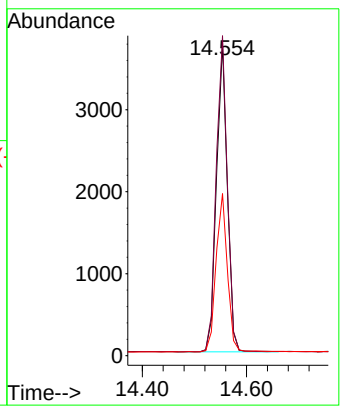


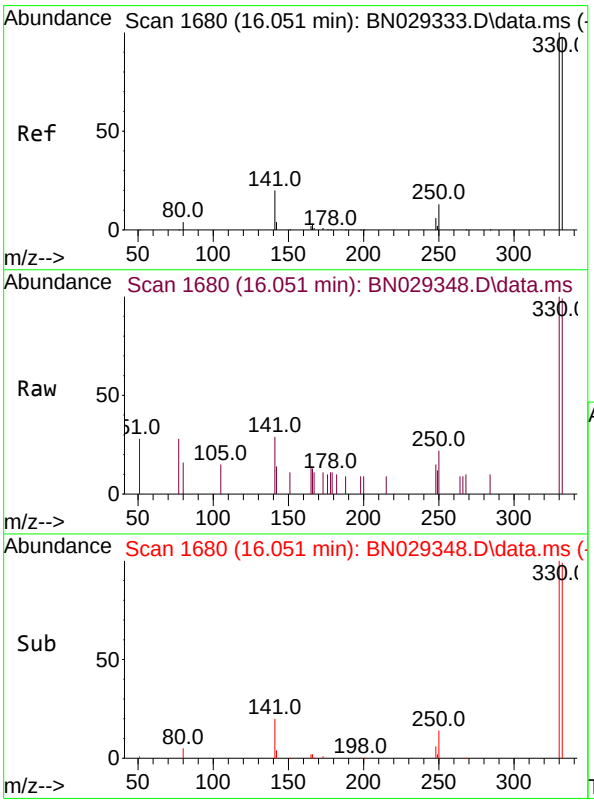
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:164 Resp: 5427

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.5	125.3
160	52.0	42.1	63.1

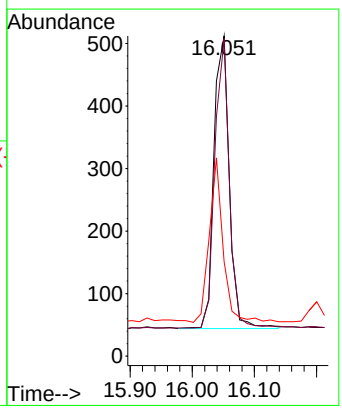


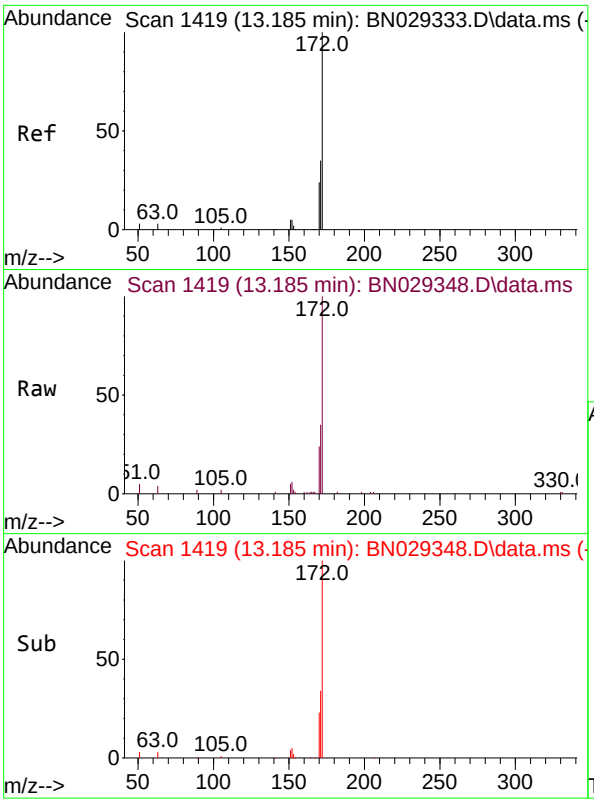


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:330 Resp: 806

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.3	115.9
141	49.6	37.2	55.8



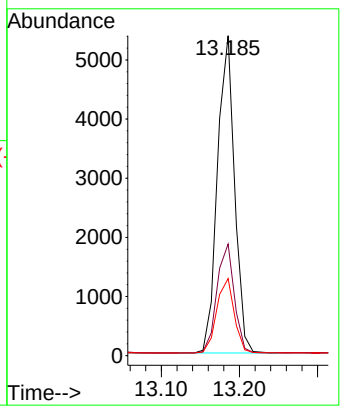


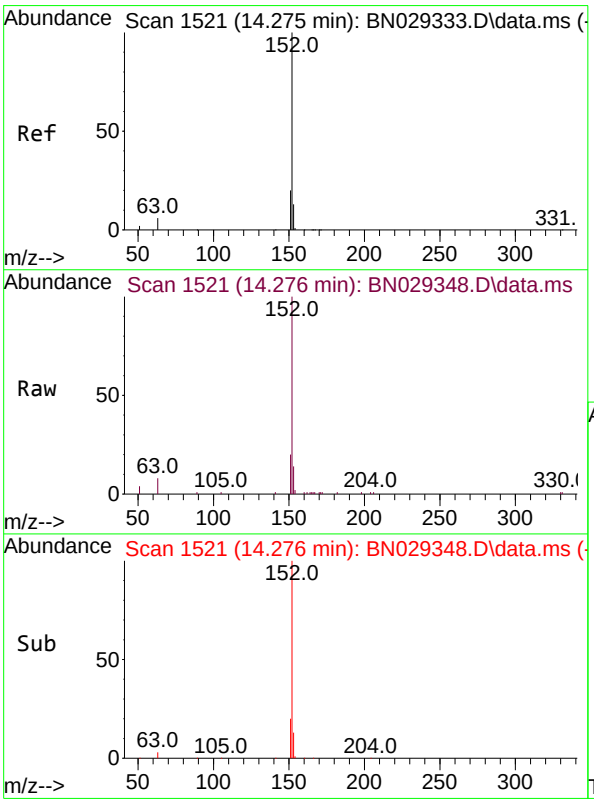
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.185 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:172 Resp: 8148

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	24.1	19.3	28.9

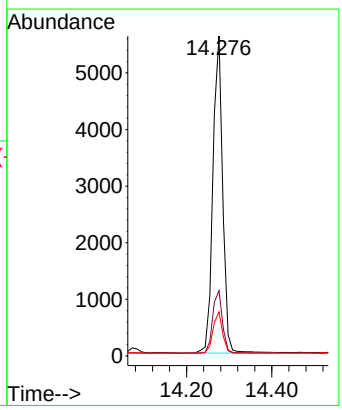


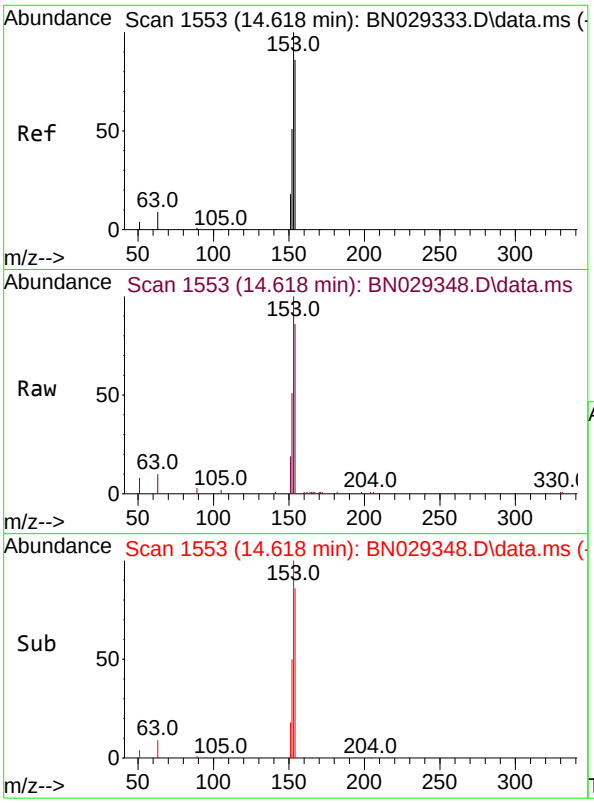


#16
Acenaphthylene
Concen: 0.309 ng
RT: 14.276 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:152 Resp: 8935

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.6	10.2	15.4



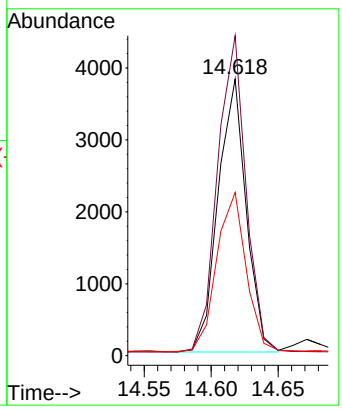


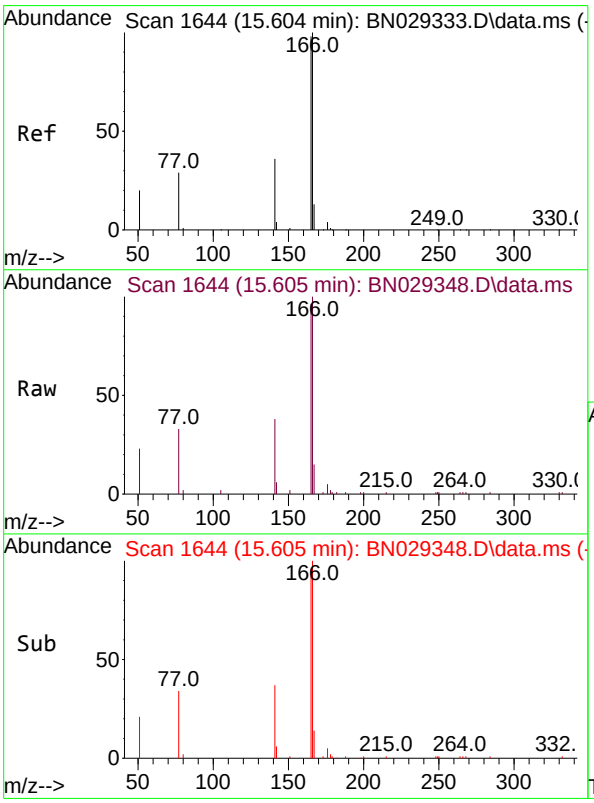
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:154 Resp: 5528

Ion	Ratio	Lower	Upper
154	100		
153	117.4	93.7	140.5
152	61.9	49.4	74.2

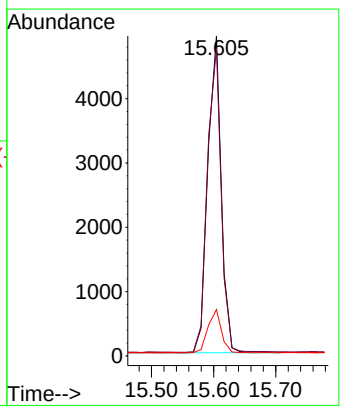


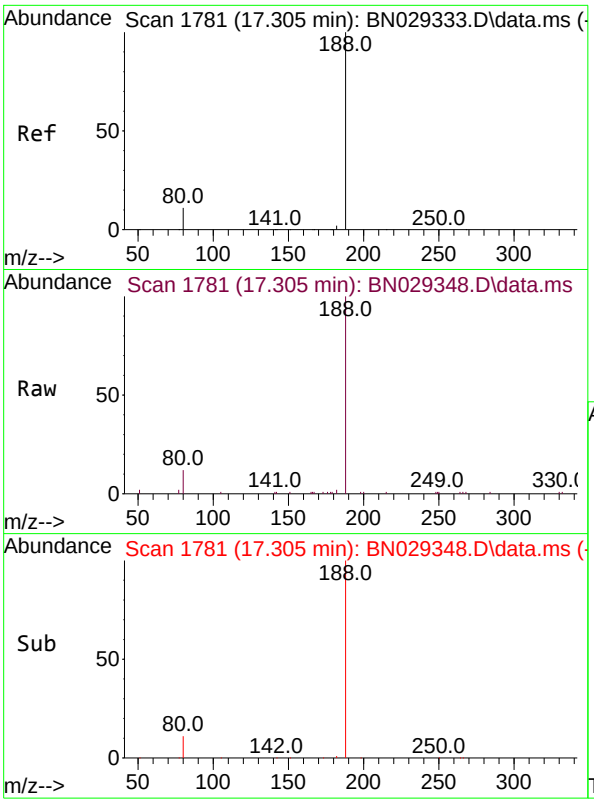


#18
Fluorene
Concen: 0.281 ng
RT: 15.605 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:166 Resp: 7411

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.2
167	13.7	10.9	16.3



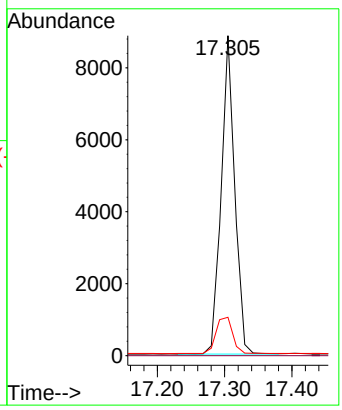


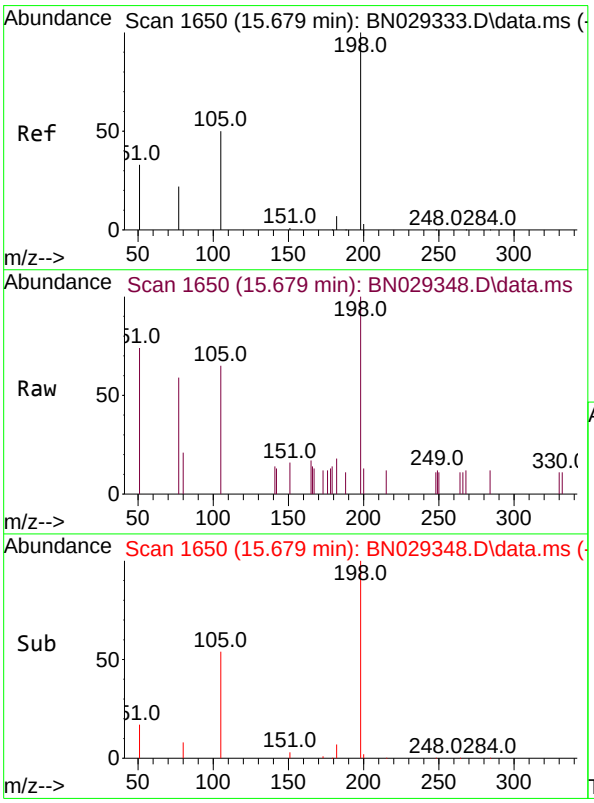
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:188 Resp: 12339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	9.4	14.2

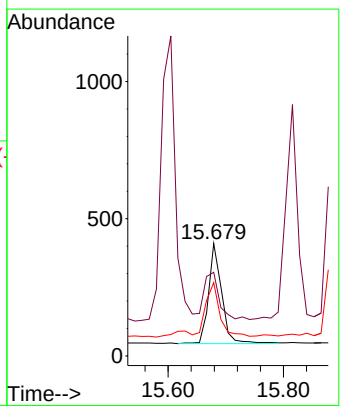


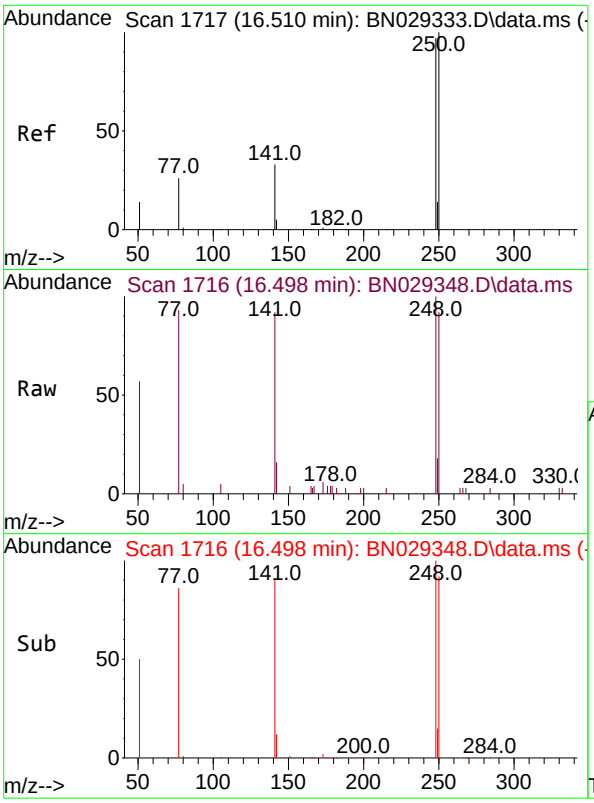


#20
4,6-Dinitro-2-methylphenol
Concen: 0.252 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:198 Resp: 573

Ion	Ratio	Lower	Upper
198	100		
51	74.4	60.5	90.7
105	65.1	48.7	73.1



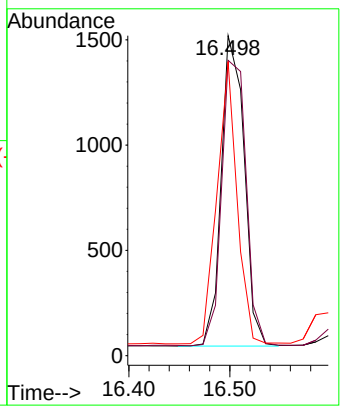


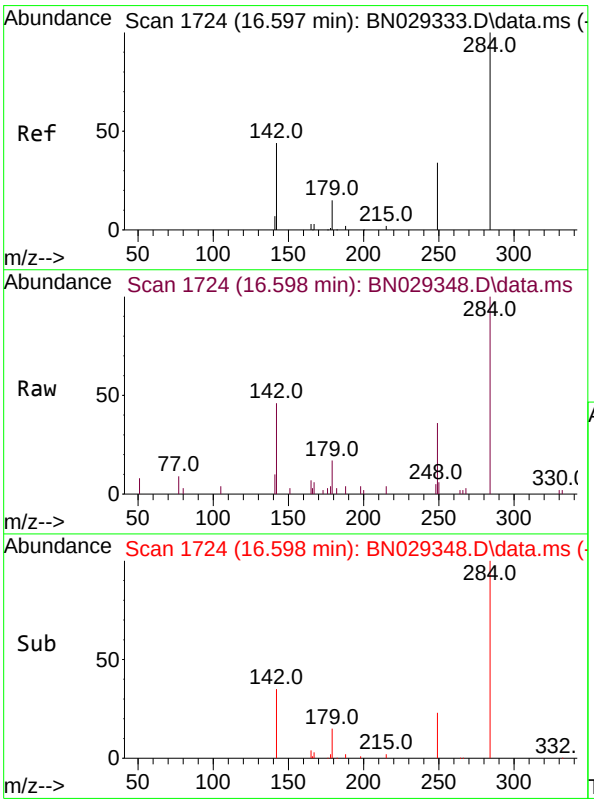
#21
4-Bromophenyl-phenylether
Concen: 0.259 ng
RT: 16.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:248 Resp: 2333

Ion	Ratio	Lower	Upper
248	100		
250	92.3	82.6	123.8
141	91.9	28.7	43.1#

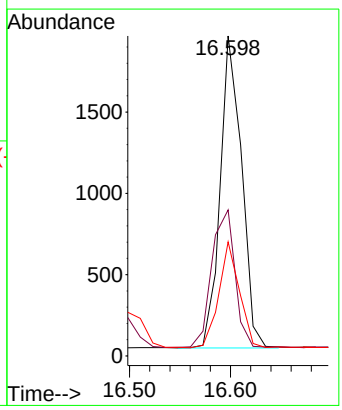


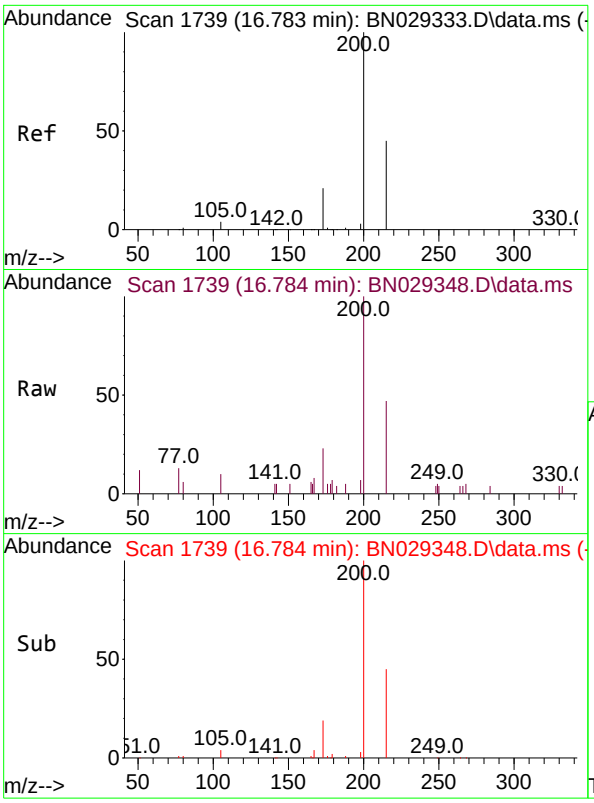


#22
Hexachlorobenzene
Concen: 0.255 ng
RT: 16.598 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:284 Resp: 2832

Ion	Ratio	Lower	Upper
284	100		
142	47.7	33.8	50.6
249	32.5	25.5	38.3



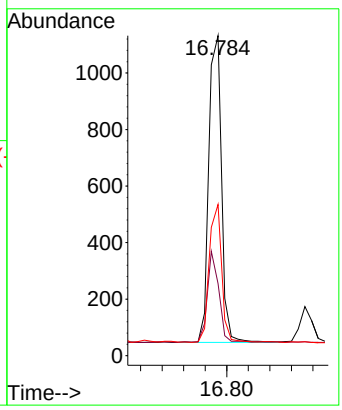


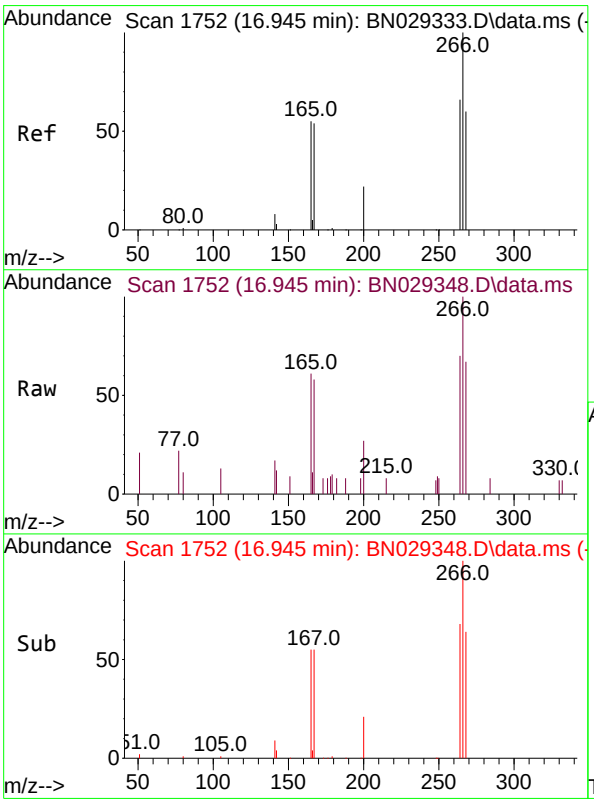
#23
Atrazine
Concen: 0.269 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:200 Resp: 1774

Ion	Ratio	Lower	Upper
200	100		
173	22.5	18.6	28.0
215	47.3	37.1	55.7

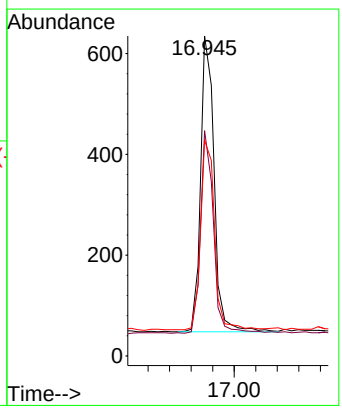


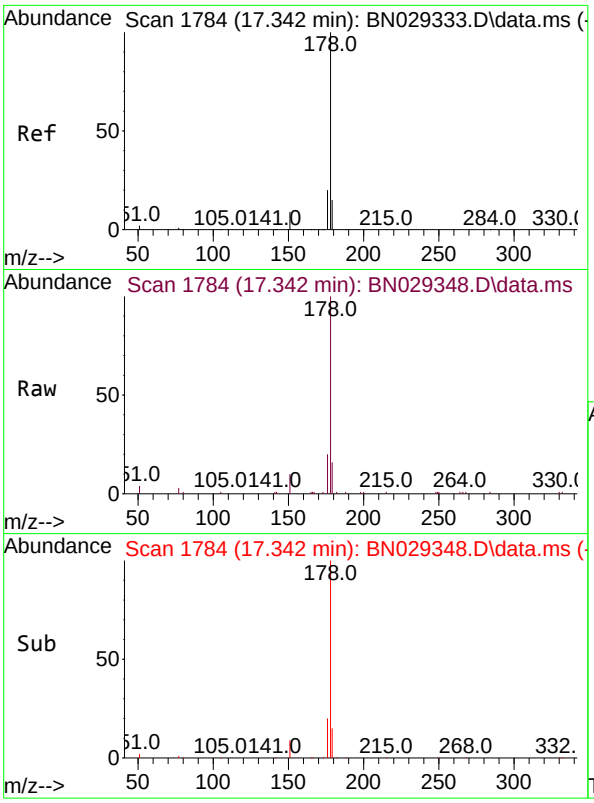


#24
Pentachlorophenol
Concen: 0.275 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:266 Resp: 1022

Ion	Ratio	Lower	Upper
266	100		
264	65.9	49.8	74.8
268	66.0	48.8	73.2



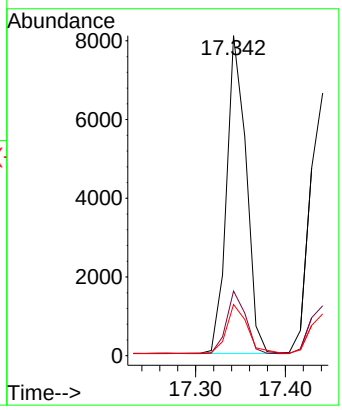


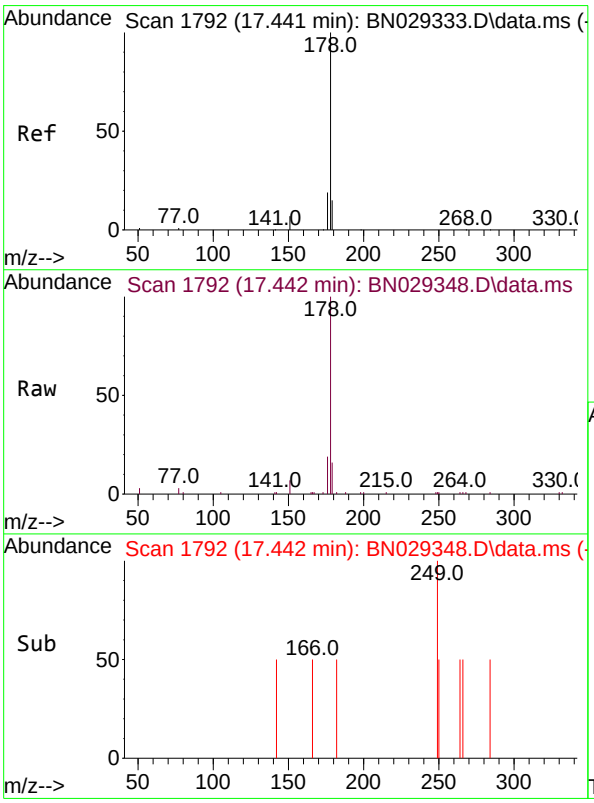
#25
Phenanthrene
Concen: 0.289 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:178 Resp: 12233

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.2	12.4	18.6

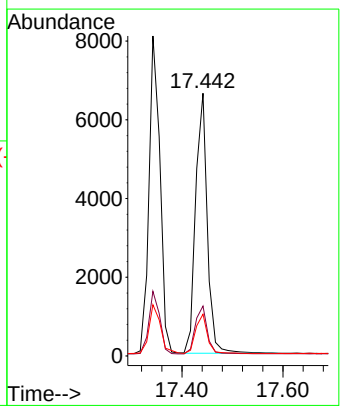


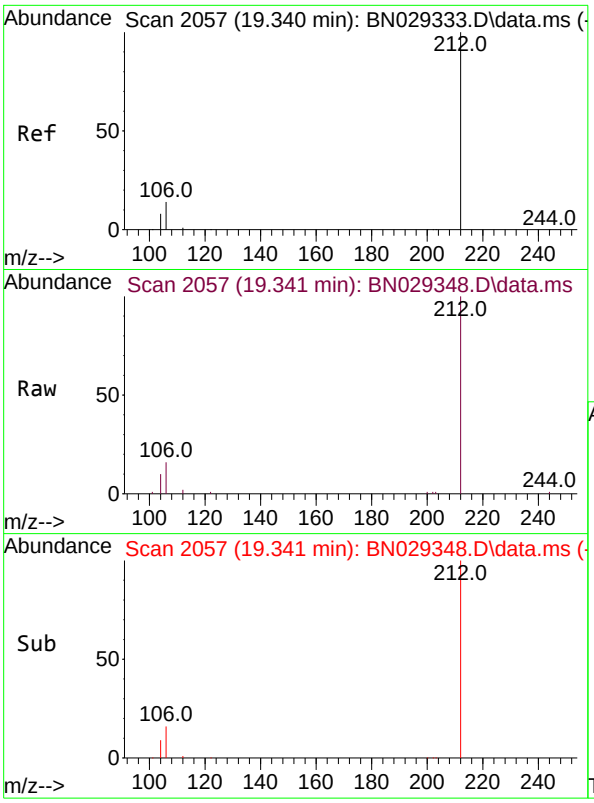


#26
Anthracene
Concen: 0.285 ng
RT: 17.442 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:178 Resp: 10663

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	14.9	12.1	18.1



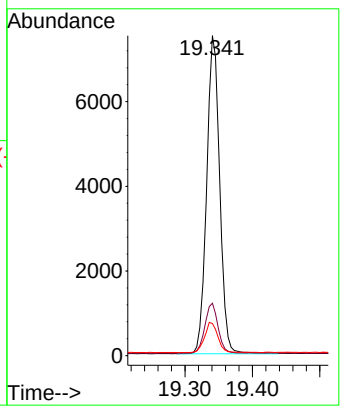


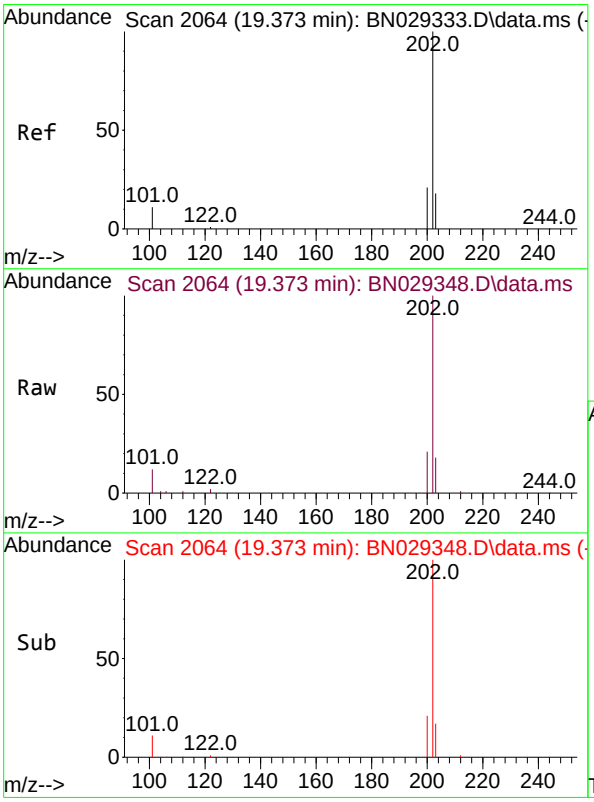
#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.341 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:212 Resp: 10085

Ion	Ratio	Lower	Upper
212	100		
106	15.9	11.4	17.0
104	9.6	6.8	10.2

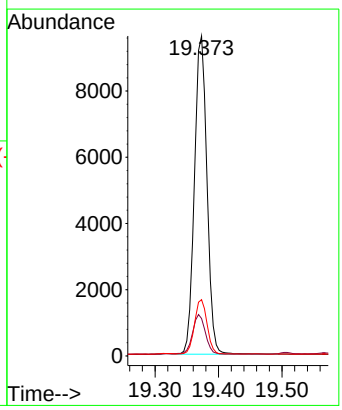


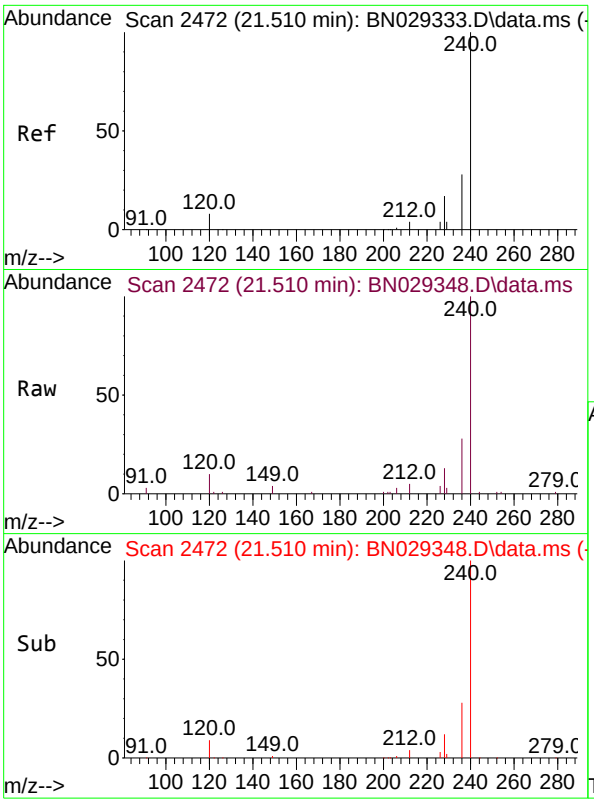


#28
Fluoranthene
Concen: 0.259 ng
RT: 19.373 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:202 Resp: 13132

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.0	13.4
203	17.0	13.8	20.8



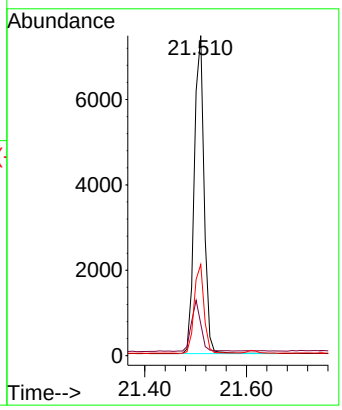


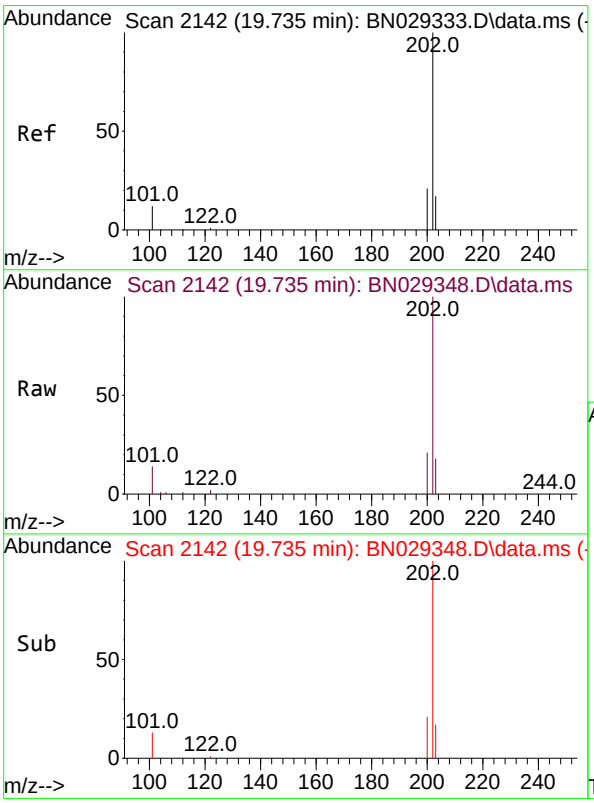
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:240 Resp: 9991

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	28.5	23.0	34.4

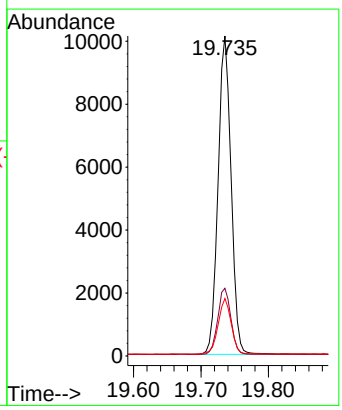


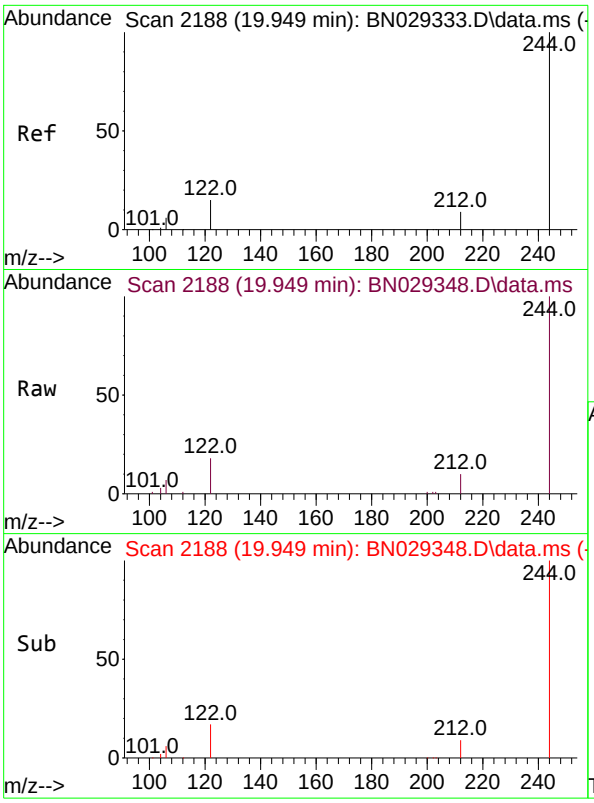


#30
Pyrene
Concen: 0.298 ng
RT: 19.735 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:202 Resp: 13584

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.7	14.1	21.1



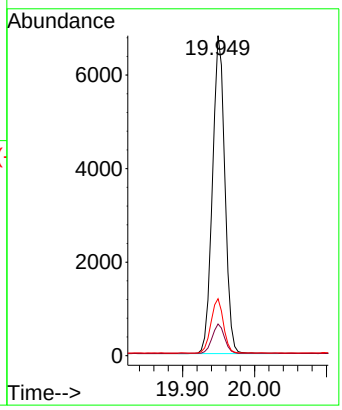


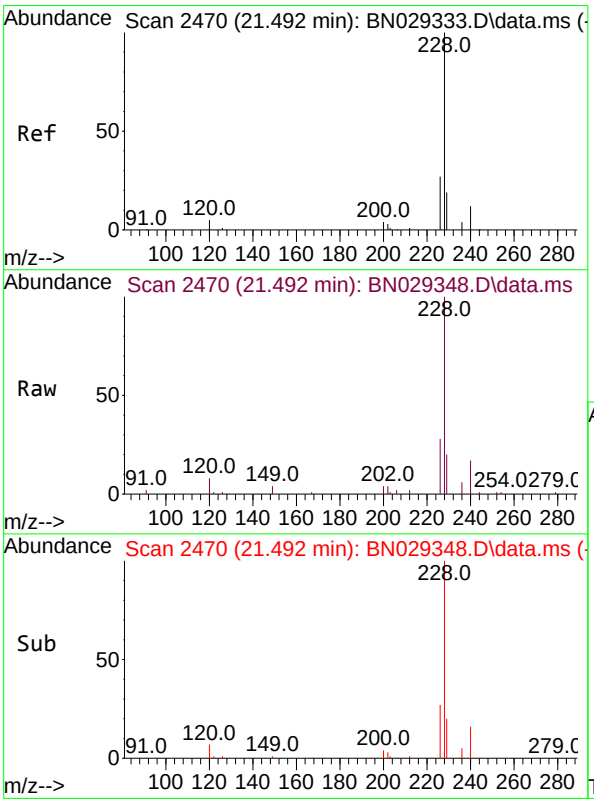
#31
Terphenyl-d14
Concen: 0.317 ng
RT: 19.949 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:244 Resp: 8117

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.6	11.4
122	17.8	12.8	19.2

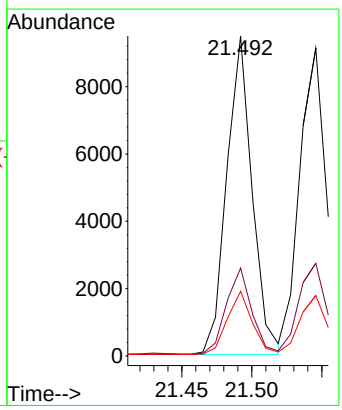


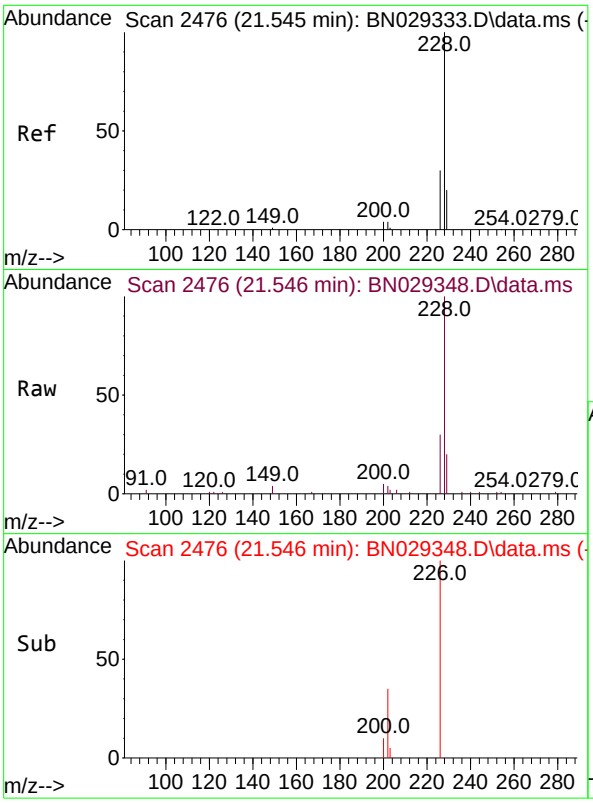


#32
Benzo(a)anthracene
Concen: 0.287 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:228 Resp: 11949

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.2	15.6	23.4



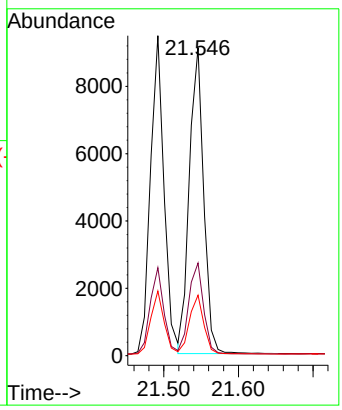


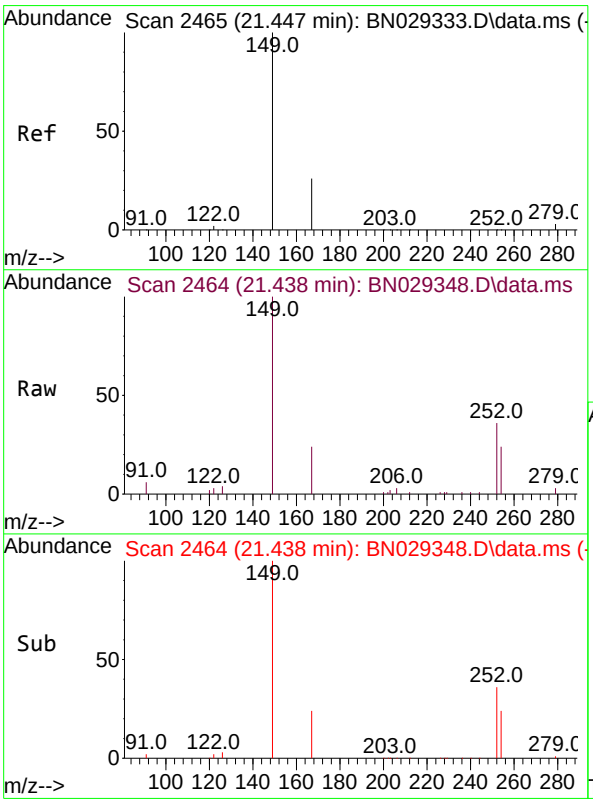
#33
Chrysene
Concen: 0.283 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:228 Resp: 12175

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.7	16.1	24.1

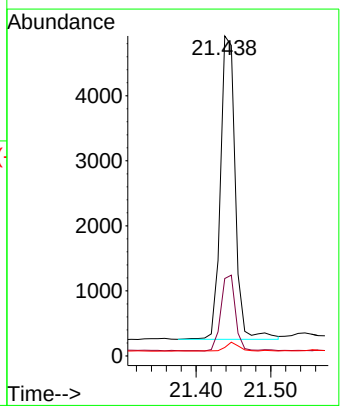


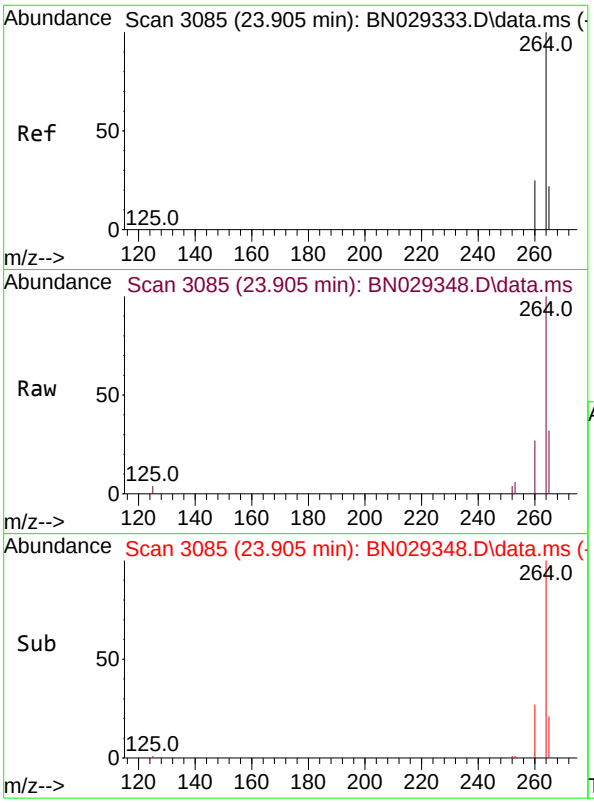


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.281 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:149 Resp: 6454

Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.9	29.9
279	2.6	2.2	3.4



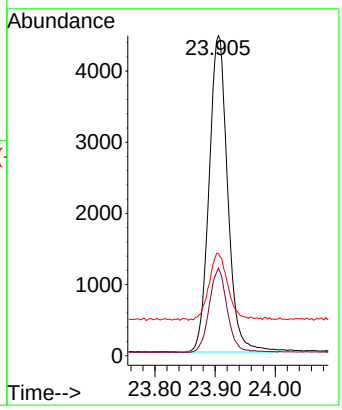


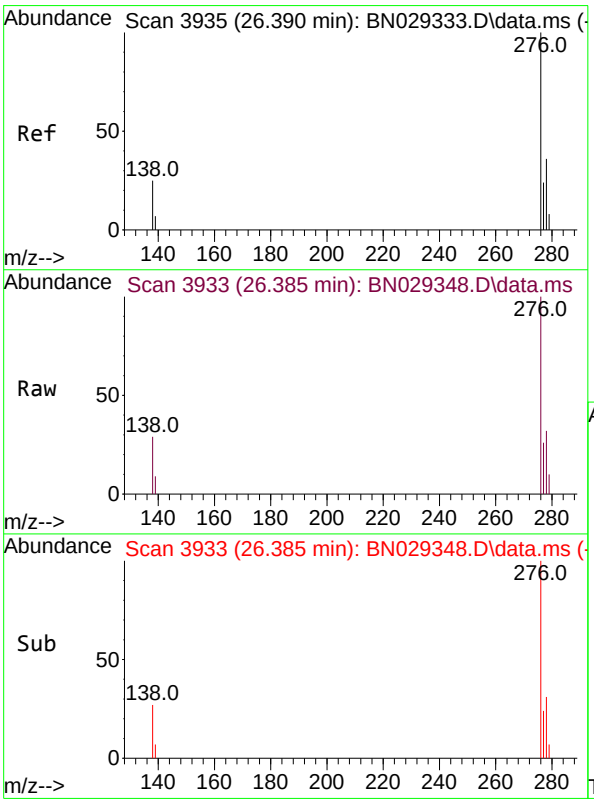
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.905 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:264 Resp: 9529

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.6	31.0
265	31.9	24.8	37.2

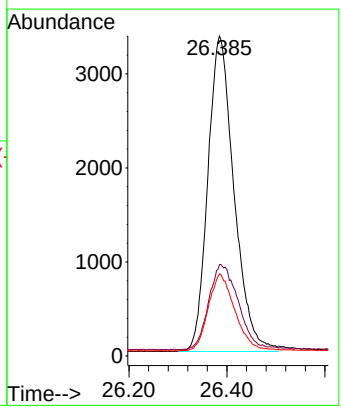


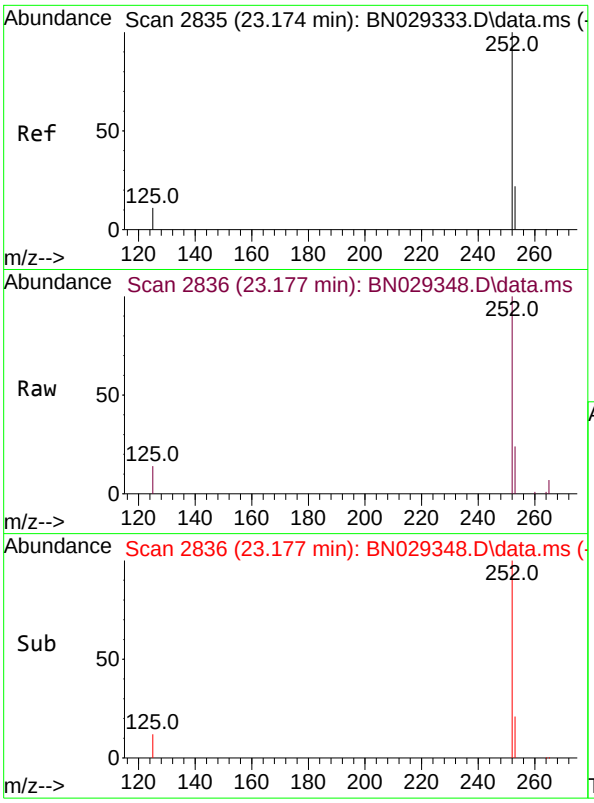


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng
RT: 26.385 min Scan# 3933
Delta R.T. -0.006 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:276 Resp: 12428

Ion	Ratio	Lower	Upper
276	100		
138	30.2	21.9	32.9
277	24.6	19.9	29.9



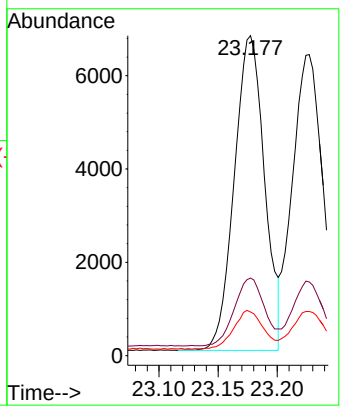


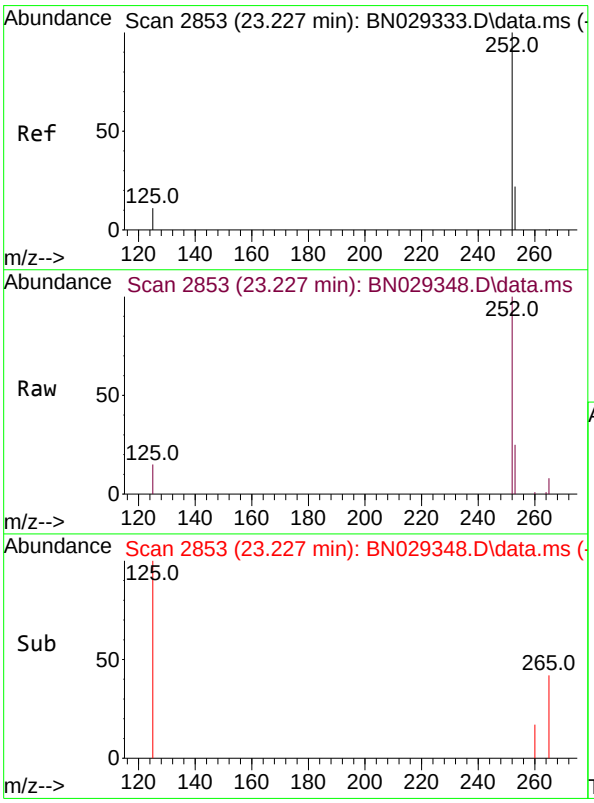
#37
Benzo(b)fluoranthene
Concen: 0.296 ng
RT: 23.177 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:252 Resp: 11991

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	13.6	9.7	14.5

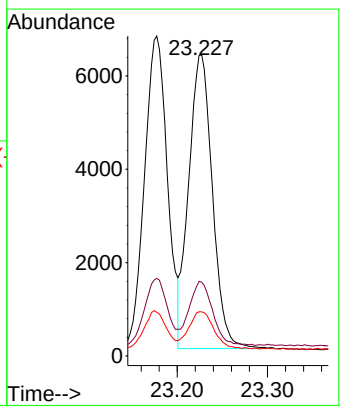


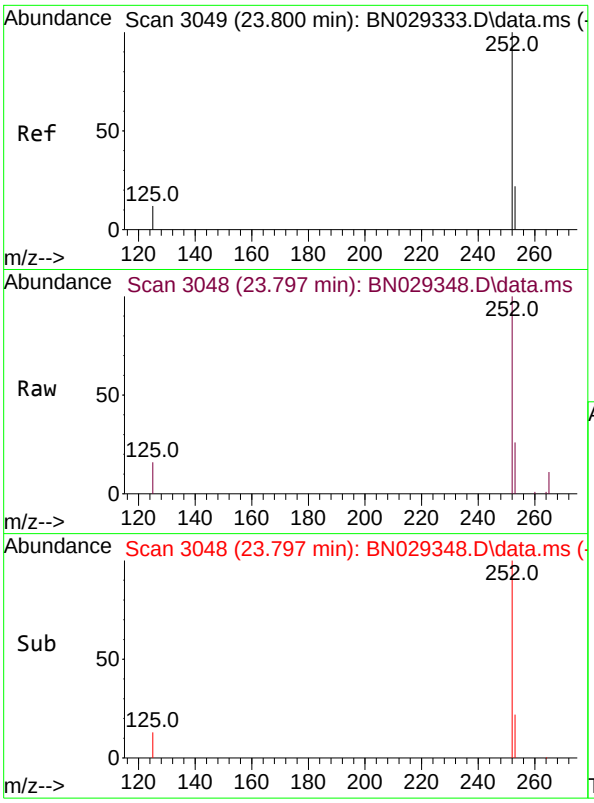


#38
Benzo(k)fluoranthene
Concen: 0.289 ng
RT: 23.227 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:252 Resp: 11516

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.8	28.2
125	14.7	9.7	14.5#



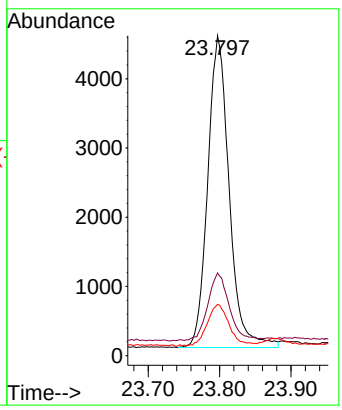


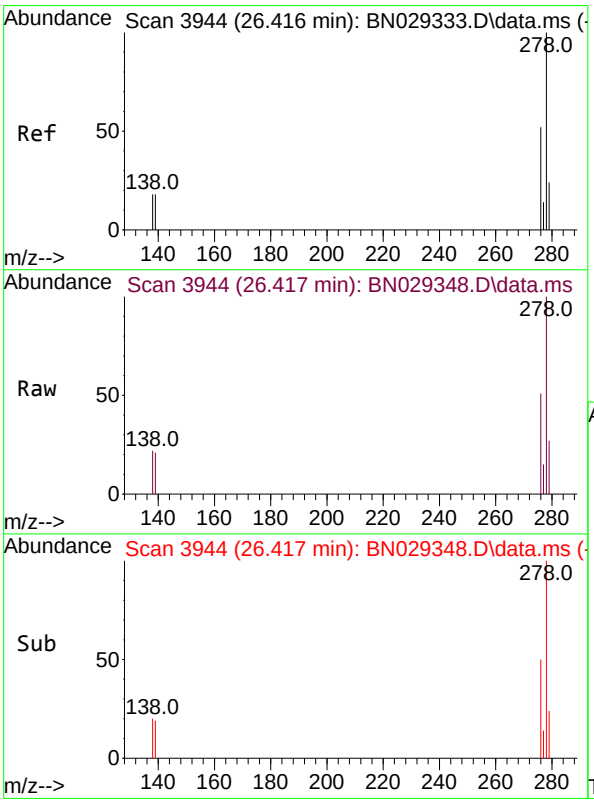
#39
Benzo(a)pyrene
Concen: 0.294 ng
RT: 23.797 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:252 Resp: 9387

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.6	29.4
125	16.1	11.6	17.4

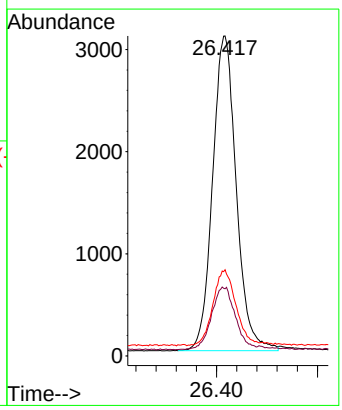


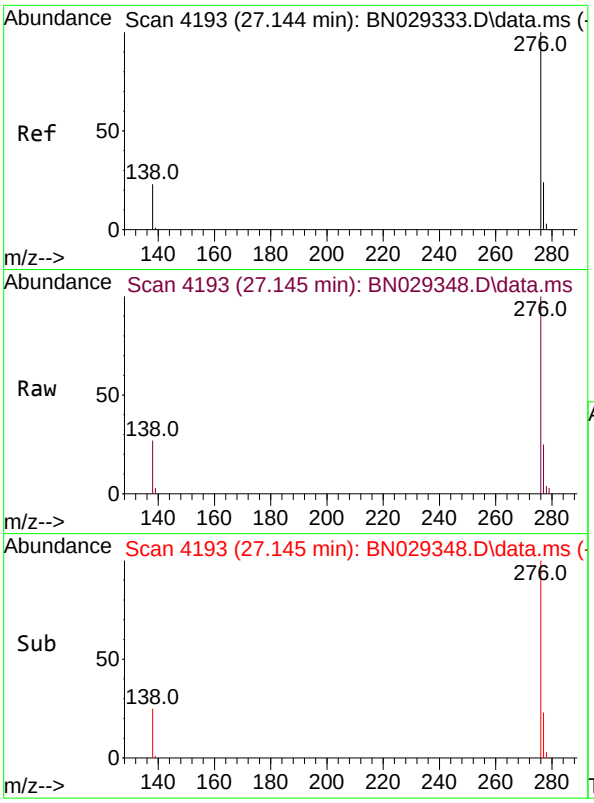


#40
Dibenzo(a,h)anthracene
Concen: 0.305 ng
RT: 26.417 min Scan# 3944
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Tgt Ion:278 Resp: 10041

Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.7	23.5
279	27.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.302 ng
RT: 27.145 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029348.D
Acq: 23 Jan 2024 15:35

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:276 Resp: 10676

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	26.6	19.5	29.3