Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036842.D
Acq On : 04 Apr 2025 19:10
Operator : RC/JU
Sample : Q1731-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 22:49:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1670	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	4185	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2430	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5085	0.400	ng	0.01
29) Chrysene-d12	21.268	240	4539	0.400	ng	0.00
35) Perylene-d12	23.511	264	4155	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	770	0.198	ng	0.00
5) Phenol-d6	6.872	99	545	0.113	ng	0.00
8) Nitrobenzene-d5	8.843	82	1507	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	2477	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	529	0.480	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	6138	0.434	ng	0.00
27) Fluoranthene-d10	19.113	212	6590	0.506	ng	0.00
31) Terphenyl-d14	19.717	244	5322	0.489	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	13527	7.302	ng	98
20) 4,6-Dinitro-2-methylph...	15.500	198	5	0.150	ng	# 1
24) Pentachlorophenol	16.739	266	46	0.026	ng	# 85
25) Phenanthrene	17.124	178	308	0.020	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.187	149	1089	0.097	ng	98

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

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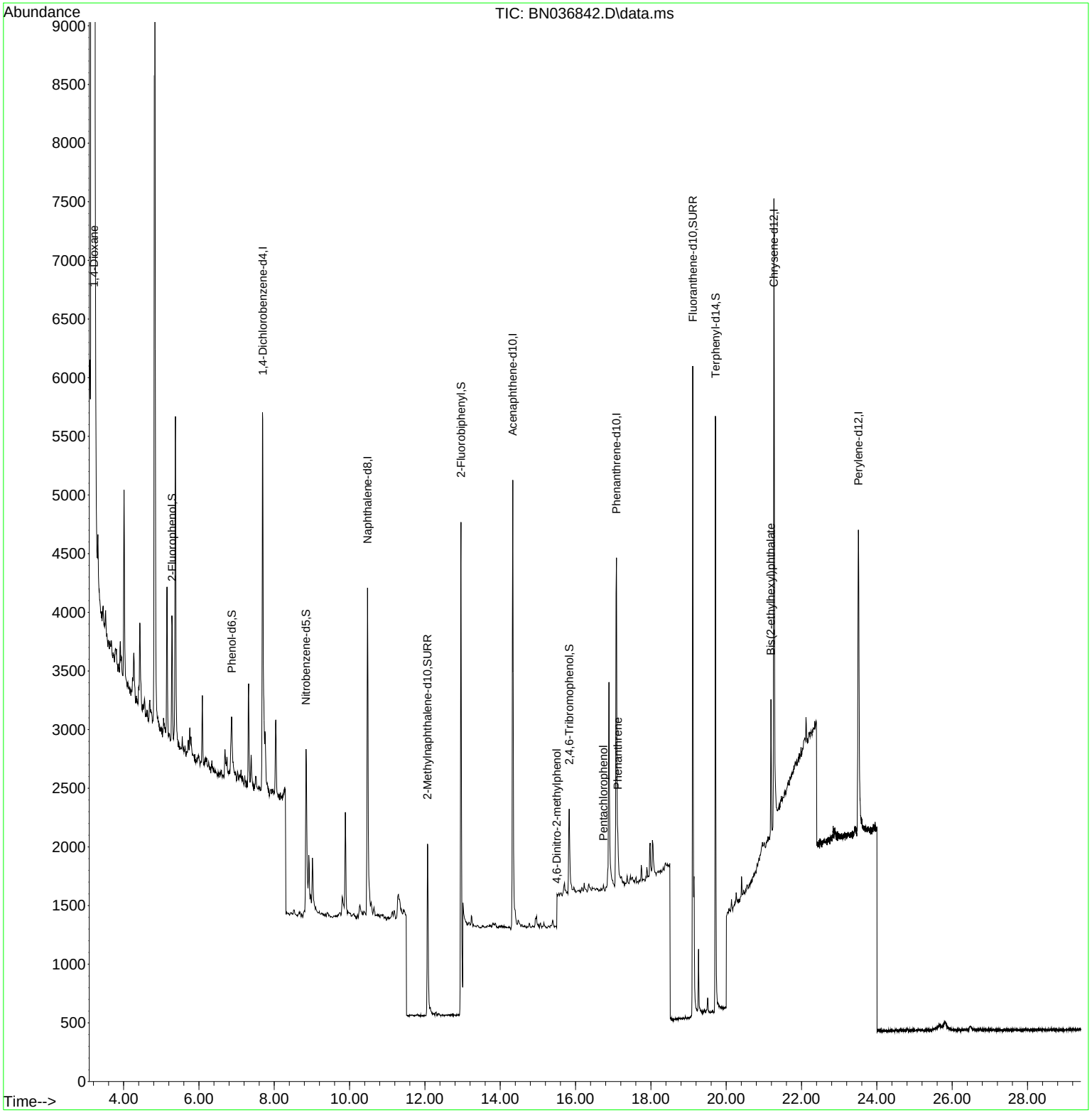
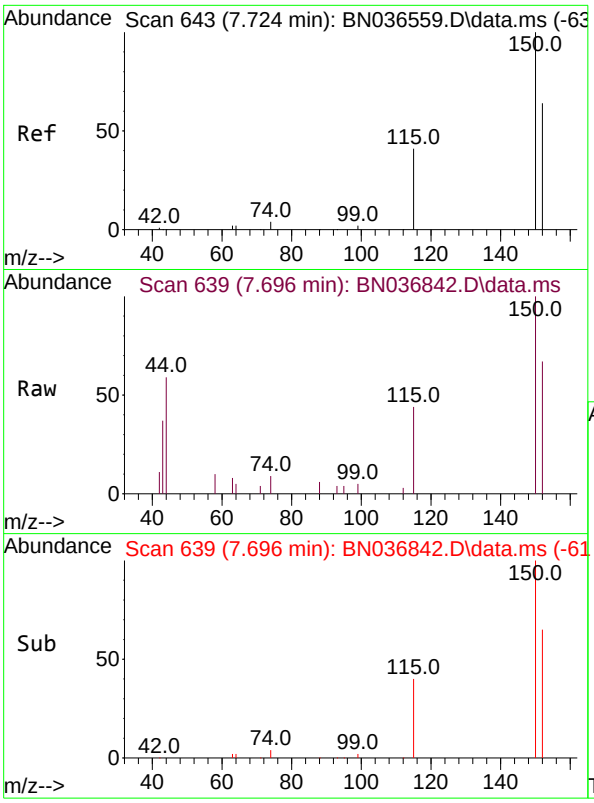


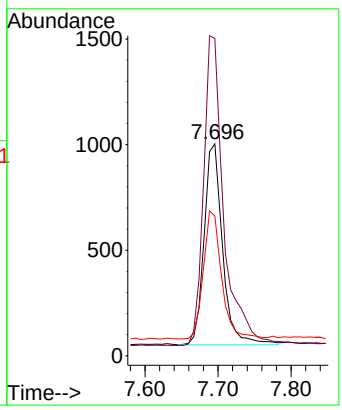


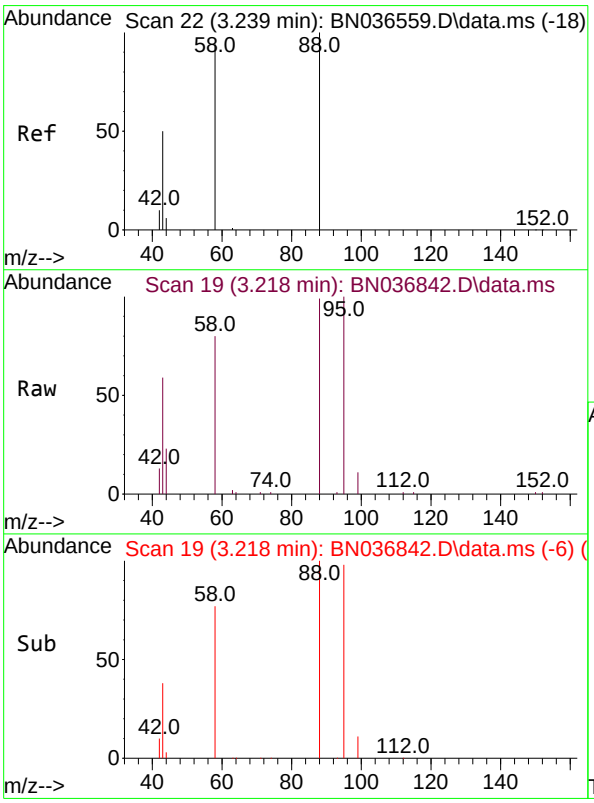
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.696 min Scan# 6
Delta R.T. 0.008 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1670

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.7	185.5
115	65.9	54.3	81.5

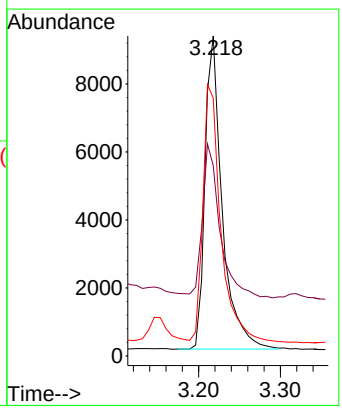


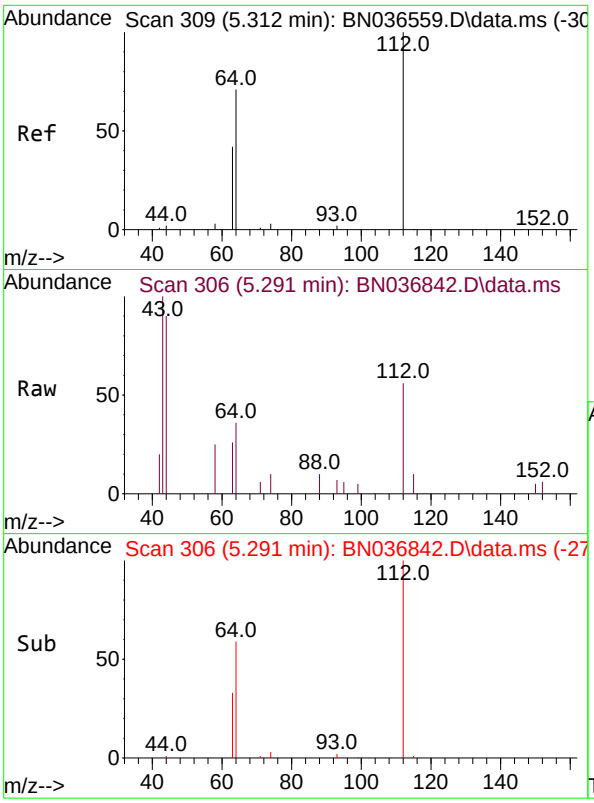


#2
1,4-Dioxane
Concen: 7.302 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion: 88 Resp: 13527

Ion	Ratio	Lower	Upper
88	100		
43	50.4	37.8	56.8
58	84.9	67.4	101.2



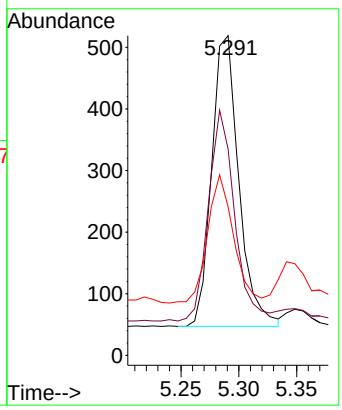


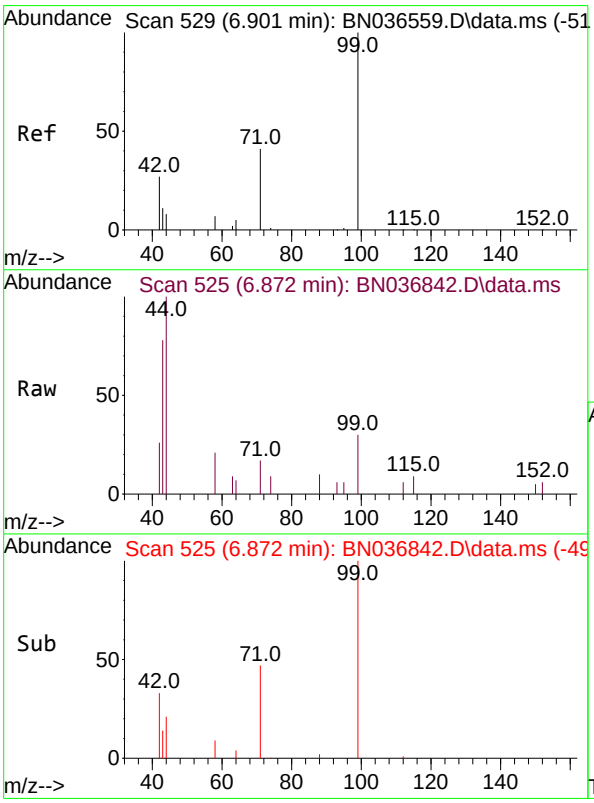
#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.291 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 770

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.1	79.7
63	42.9	31.8	47.8

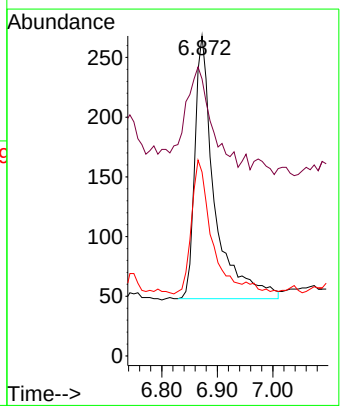


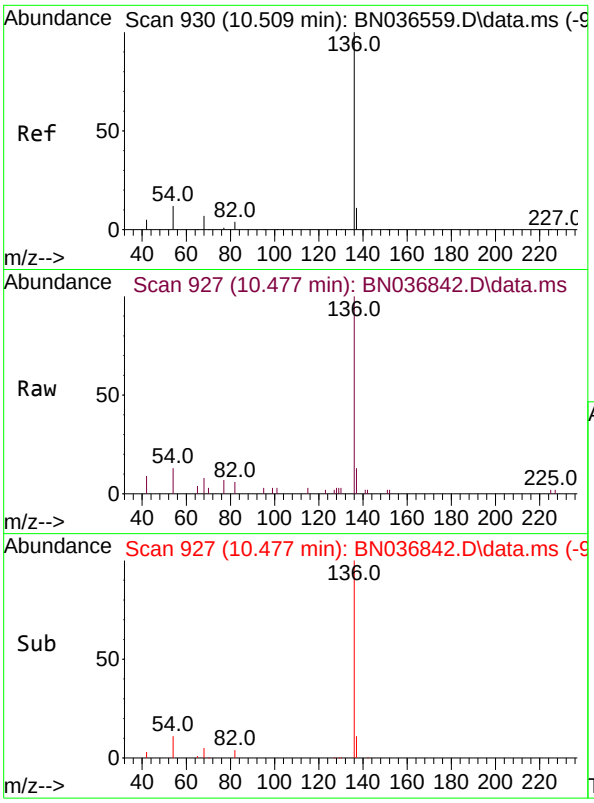


#5
Phenol-d6
Concen: 0.113 ng
RT: 6.872 min Scan# 525
Delta R.T. 0.007 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion: 99 Resp: 545

Ion	Ratio	Lower	Upper
99	100		
42	48.3	26.5	39.7#
71	50.8	34.1	51.1



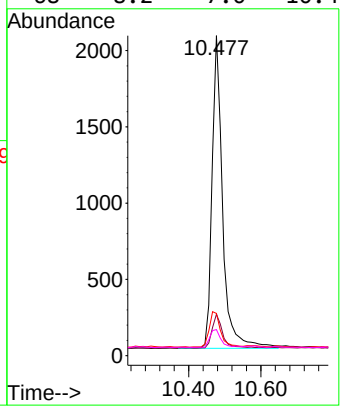


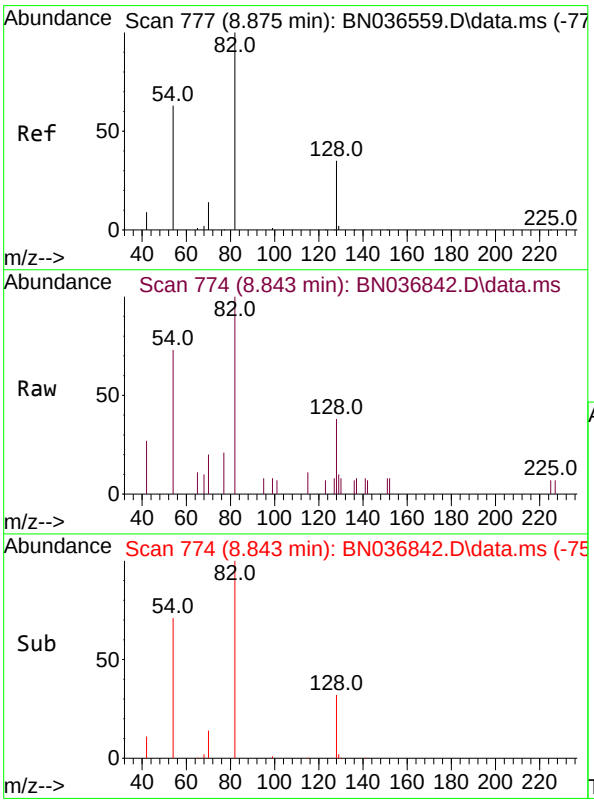
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4185

Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	13.2	11.5	17.3
68	8.2	7.0	10.4

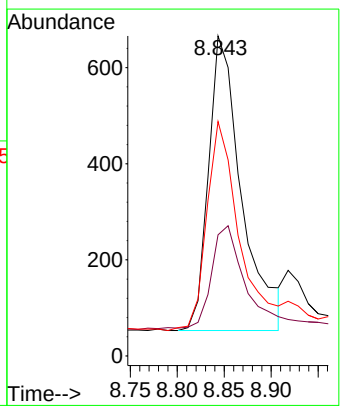


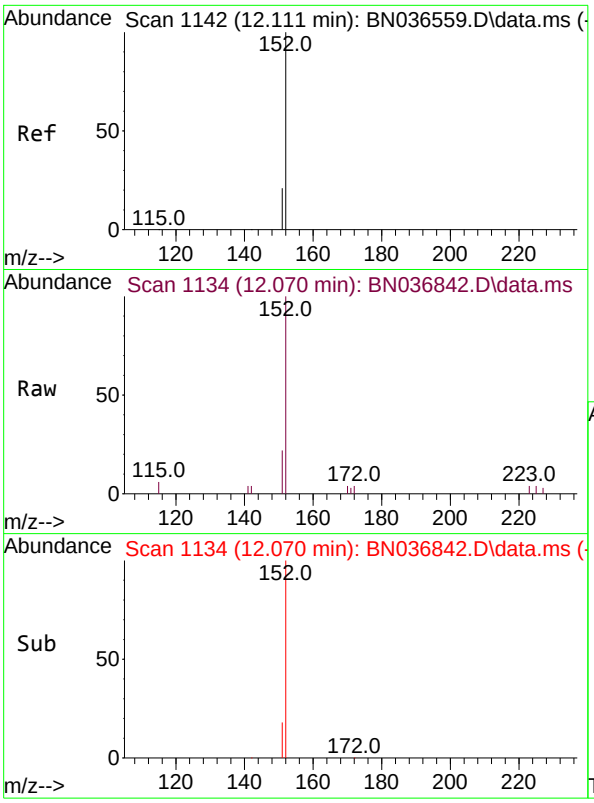


#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion: 82 Resp: 1507

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.6	45.8
54	73.3	52.2	78.4



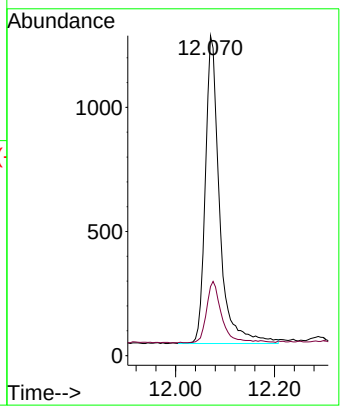


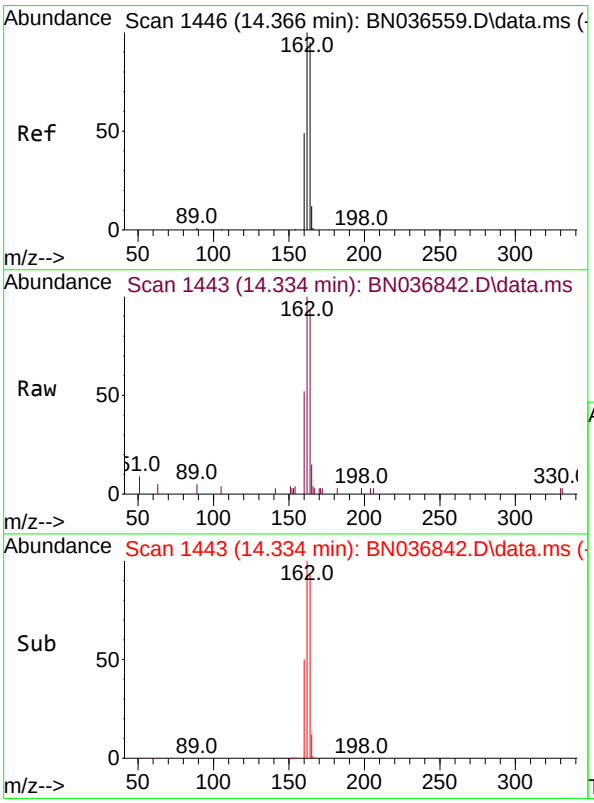
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2477

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

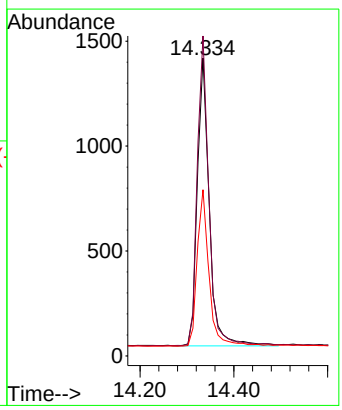


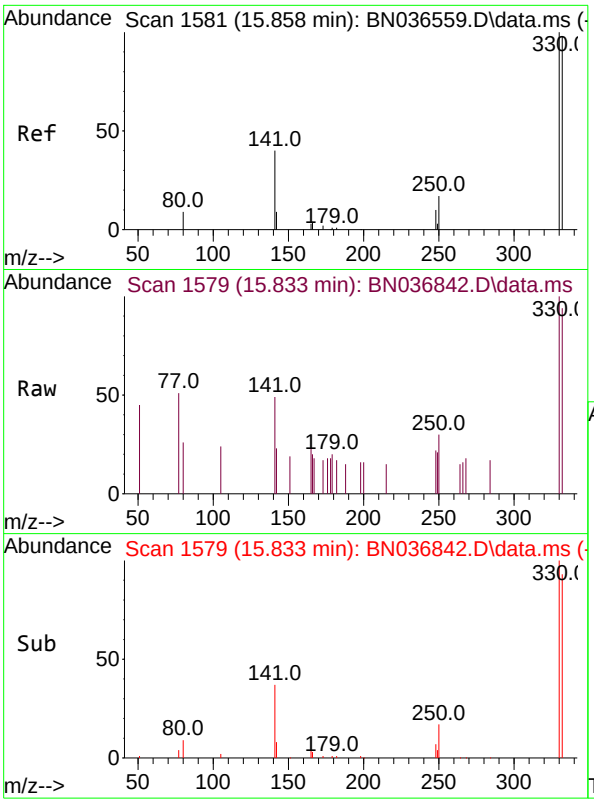


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:164 Resp: 2430

Ion	Ratio	Lower	Upper
164	100		
162	107.4	84.2	126.2
160	55.8	42.2	63.2



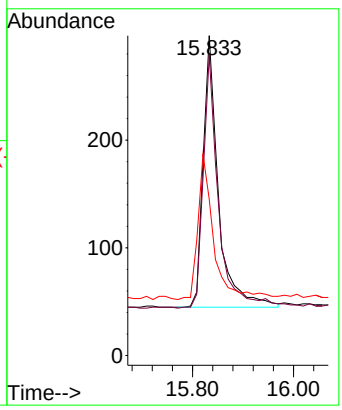


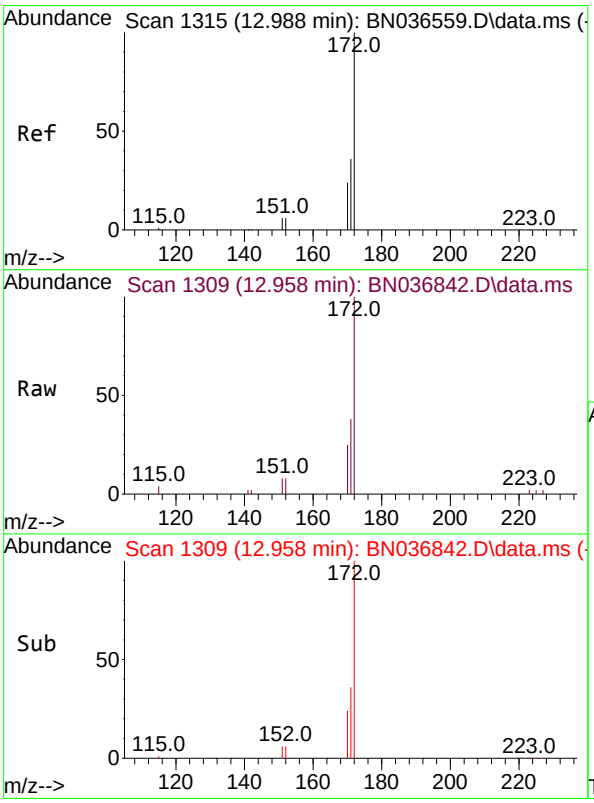
#14
2,4,6-Tribromophenol
Concen: 0.480 ng
RT: 15.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 529

Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.2	112.8
141	56.3	43.4	65.2

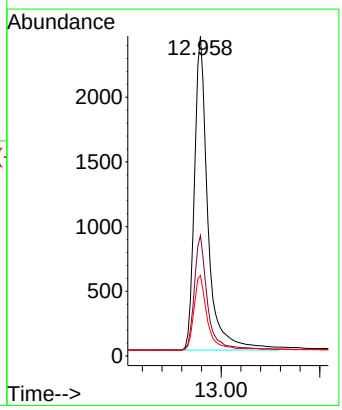


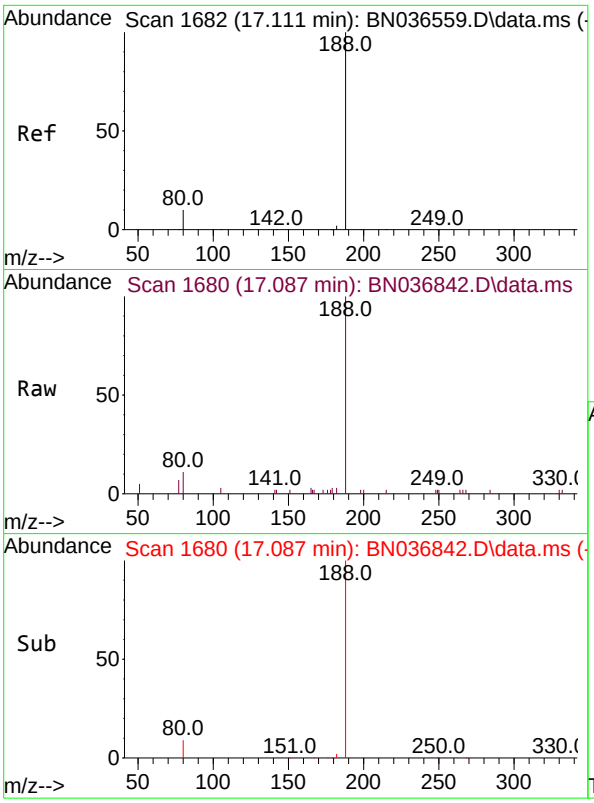


#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.958 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:172 Resp: 6138

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	25.1	20.2	30.4



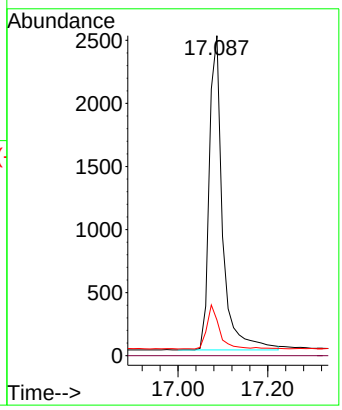


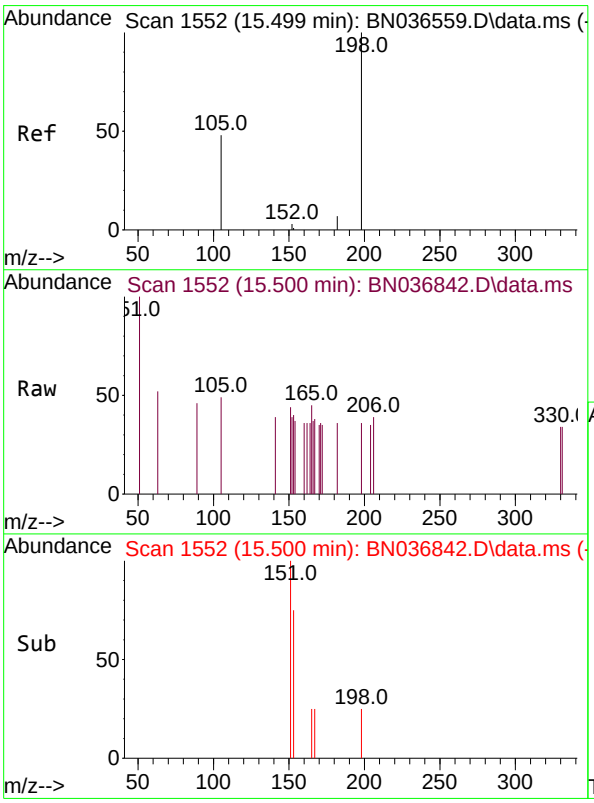
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5085

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	8.8	13.2

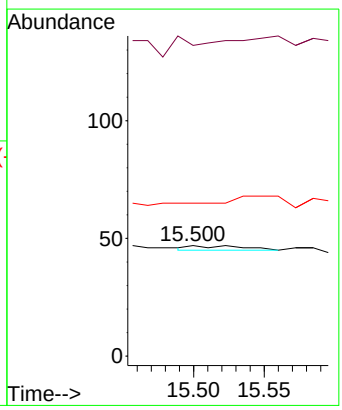


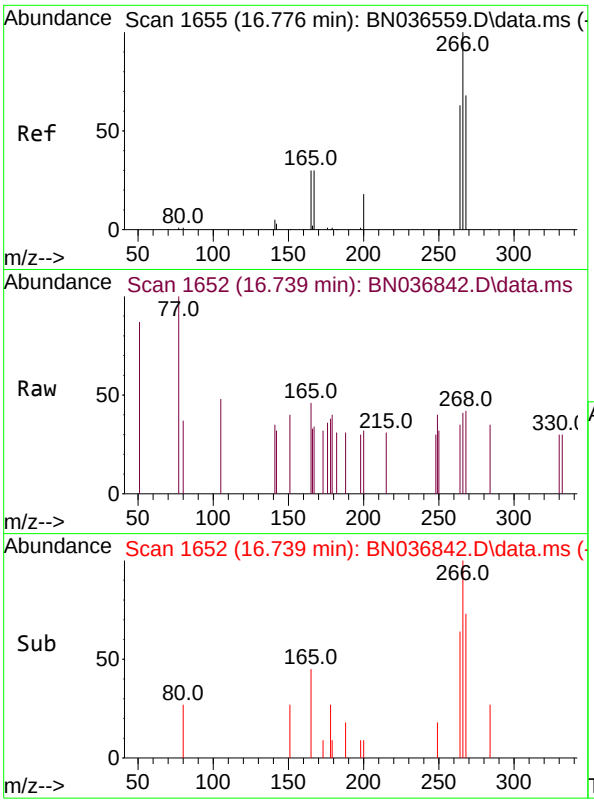


#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.500 min Scan# 1552
Delta R.T. 0.021 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	280.9	107.9	161.9#
105	138.3	56.2	84.2#



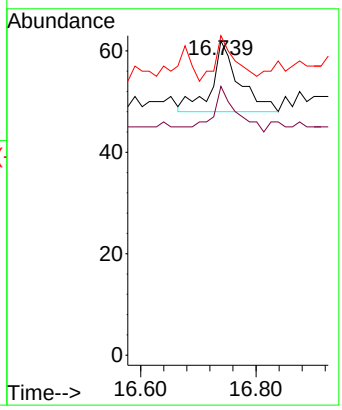


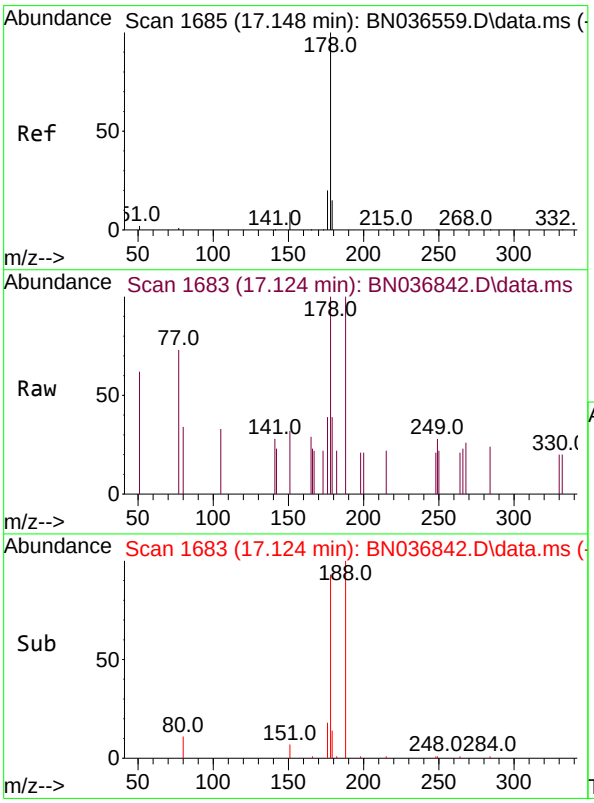
#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.739 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 46

Ion	Ratio	Lower	Upper
266	100		
264	54.3	49.6	74.4
268	47.8	50.9	76.3#

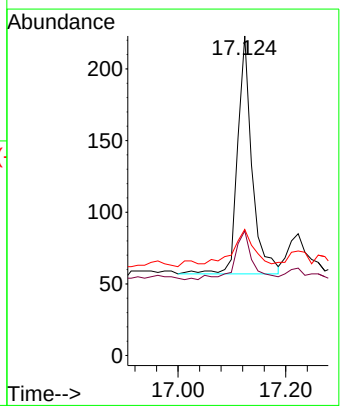


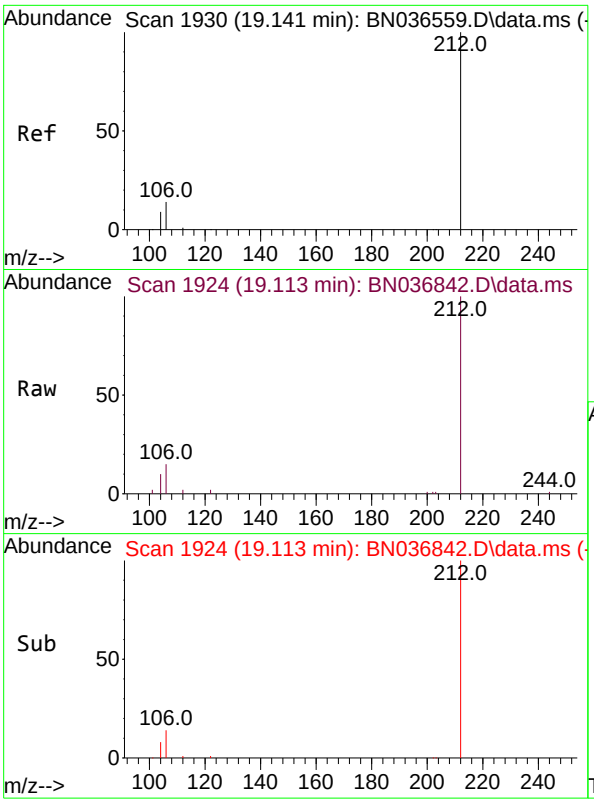


#25
Phenanthrene
Concen: 0.020 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:178 Resp: 308

Ion	Ratio	Lower	Upper
178	100		
176	25.3	15.9	23.9#
179	22.4	12.2	18.4#



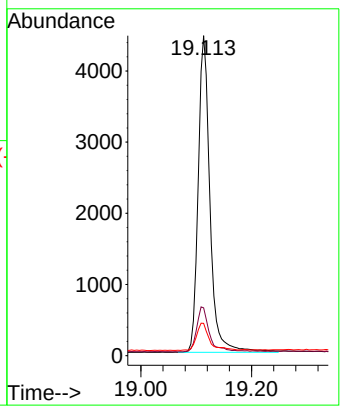


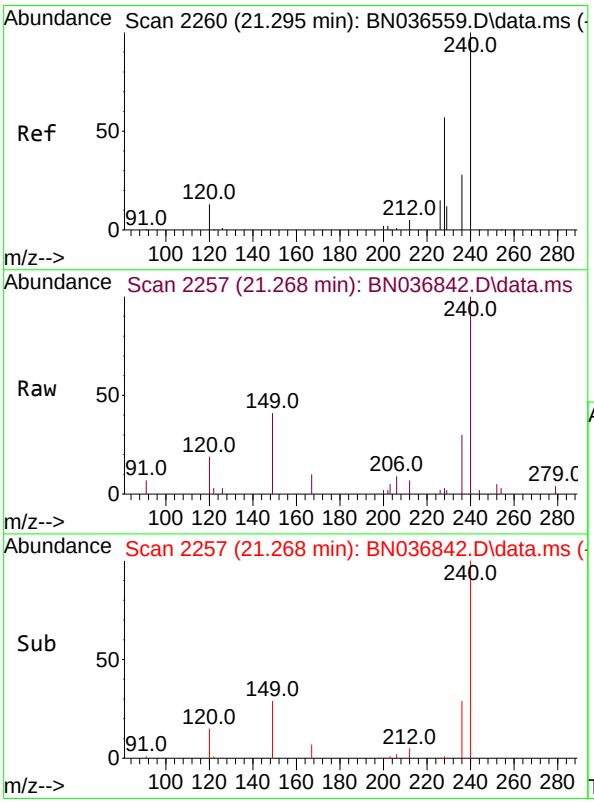
#27
Fluoranthene-d10
Concen: 0.506 ng
RT: 19.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6590

Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.8	17.6
104	9.4	7.3	10.9

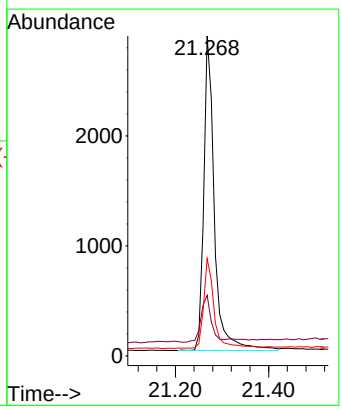


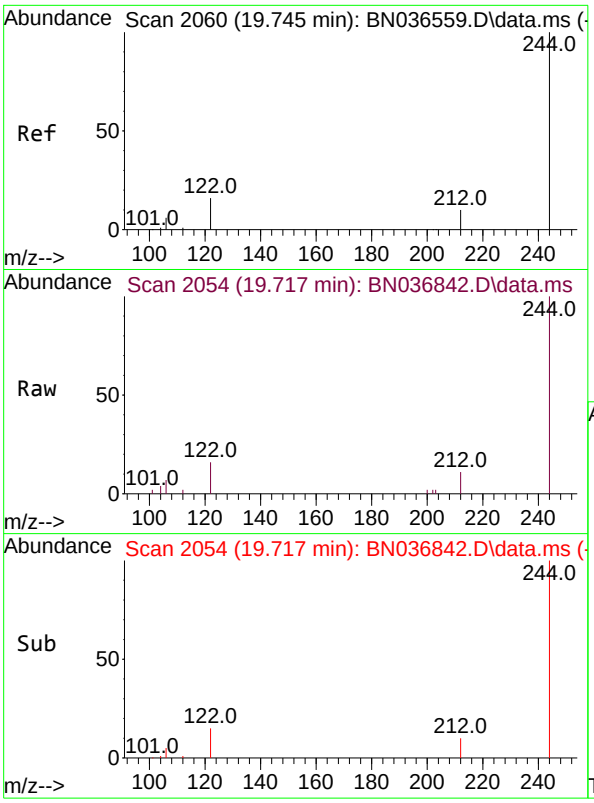


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:240 Resp: 4539

Ion	Ratio	Lower	Upper
240	100		
120	18.9	14.6	22.0
236	30.4	24.1	36.1



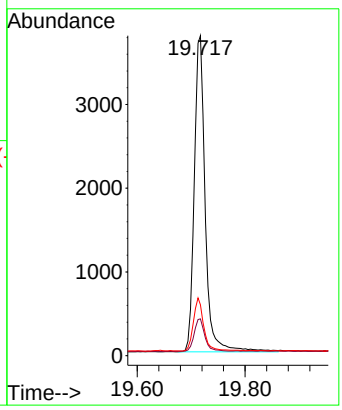


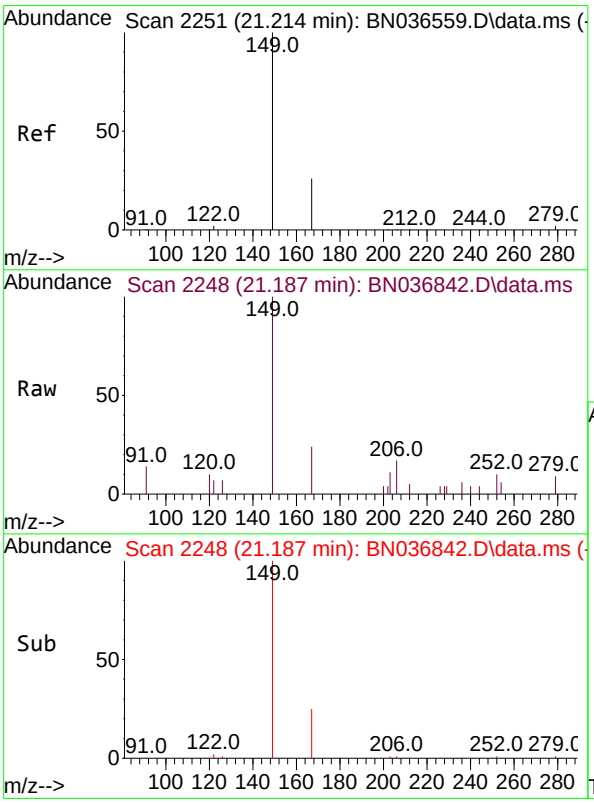
#31
Terphenyl-d14
Concen: 0.489 ng
RT: 19.717 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5322

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.6	14.4
122	15.9	13.9	20.9

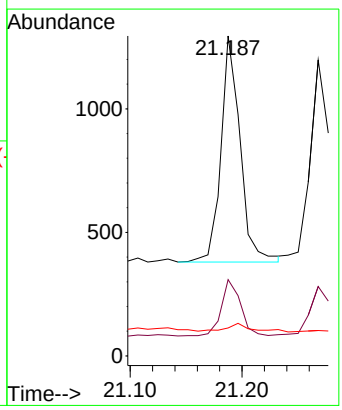


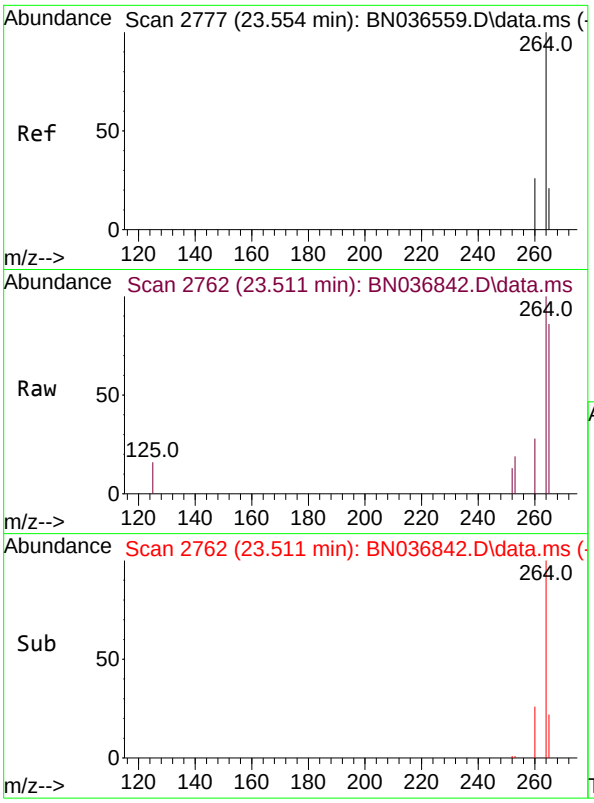


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.187 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Tgt Ion:149 Resp: 1089

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.7	31.1
279	5.1	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.511 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036842.D
Acq: 04 Apr 2025 19:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4155

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	85.9	88.1	132.1#