Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033276.D
Acq On : 06 Aug 2024 16:46
Operator : MA/JU
Sample : P3459-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Quant Time: Aug 06 17:15:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	179	0.400	ng	# 0.09
7) Naphthalene-d8	10.383	136	2464	0.400	ng	# 0.06
13) Acenaphthene-d10	14.154	164	1782	0.400	ng	0.03
19) Phenanthrene-d10	16.927	188	4351	0.400	ng	0.00
29) Chrysene-d12	21.131	240	5137	0.400	ng	# 0.00
35) Perylene-d12	23.307	264	6110	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	15	0.034	ng	0.04
5) Phenol-d6	7.069	99	3	0.005	ng	0.08
8) Nitrobenzene-d5	9.080	82	172	0.087	ng	0.16
11) 2-Methylnaphthalene-d10	11.958	152	917	0.251	ng	0.03
14) 2,4,6-Tribromophenol	15.723	330	239	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	1742	0.286	ng	0.00
27) Fluoranthene-d10	18.952	212	4660	0.383	ng	0.00
31) Terphenyl-d14	19.538	244	4047	0.456	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	6	Below Cal	#	1
3) n-Nitrosodimethylamine	3.552	42	10	0.046	ng	# 1
6) bis(2-Chloroethyl)ether	7.127	93	39	0.076	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.574	198	1	0.249	ng	# 79
22) Hexachlorobenzene	16.219	284	50	0.021	ng	# 85
24) Pentachlorophenol	16.654	266	18	0.022	ng	# 60
25) Phenanthrene	16.964	178	384	0.033	ng	# 91
28) Fluoranthene	18.990	202	356	0.022	ng	# 88
30) Pyrene	19.366	202	391	0.022	ng	95
33) Chrysene	21.176	228	402	0.020	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.006	149	2425	0.682	ng	# 85

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

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MLS-15-360-375

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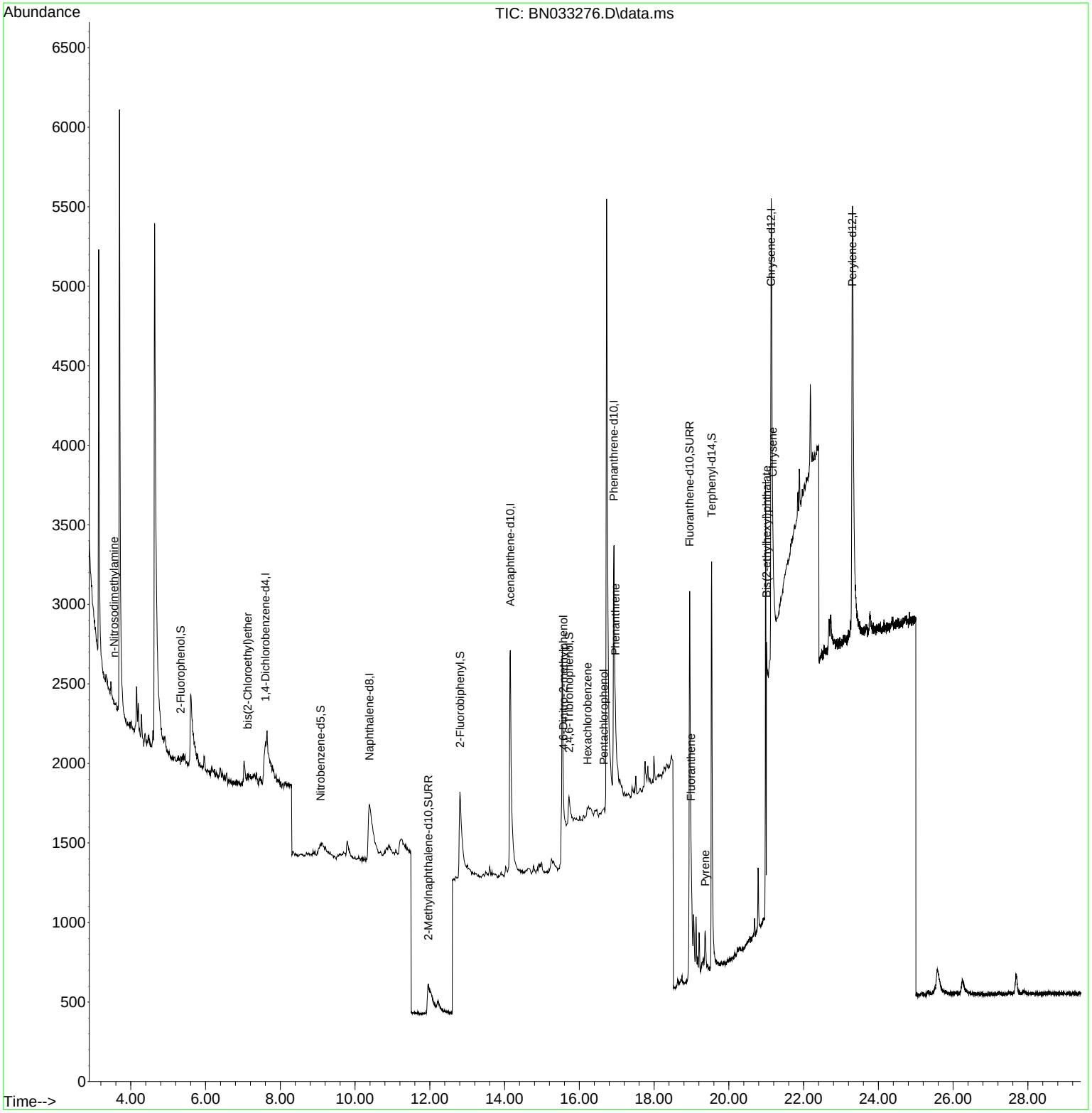
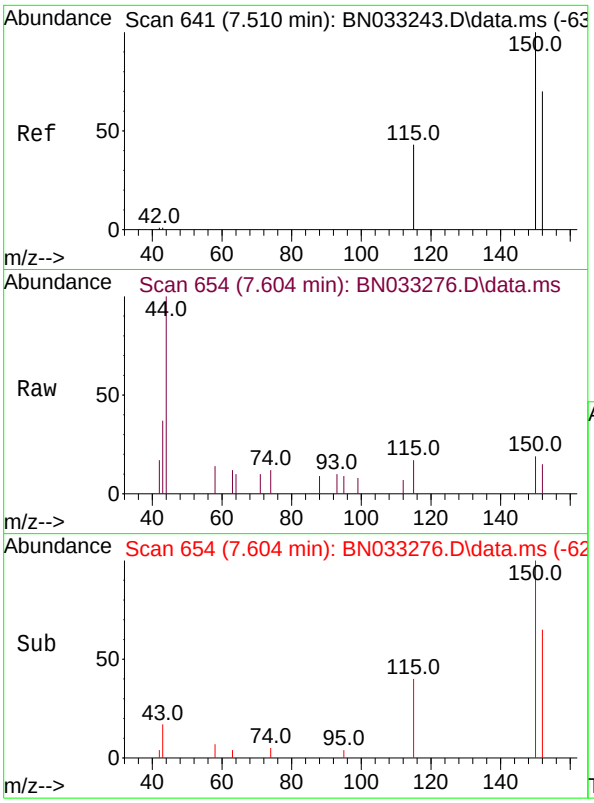


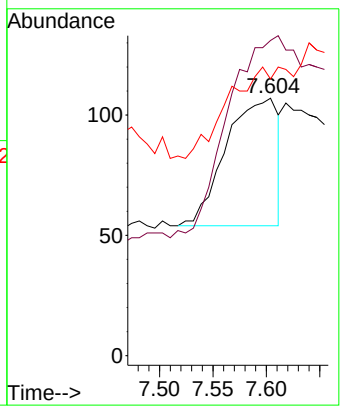


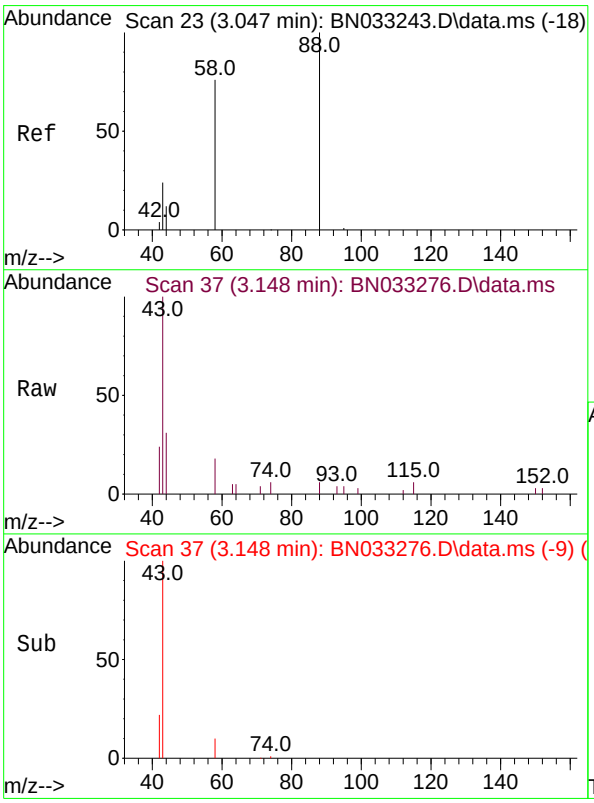
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 6
Delta R.T. 0.094 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:152 Resp: 179

Ion	Ratio	Lower	Upper
152	100		
150	122.4	108.2	162.2
115	107.5	70.5	105.7#

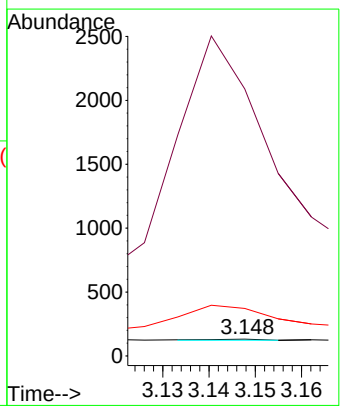


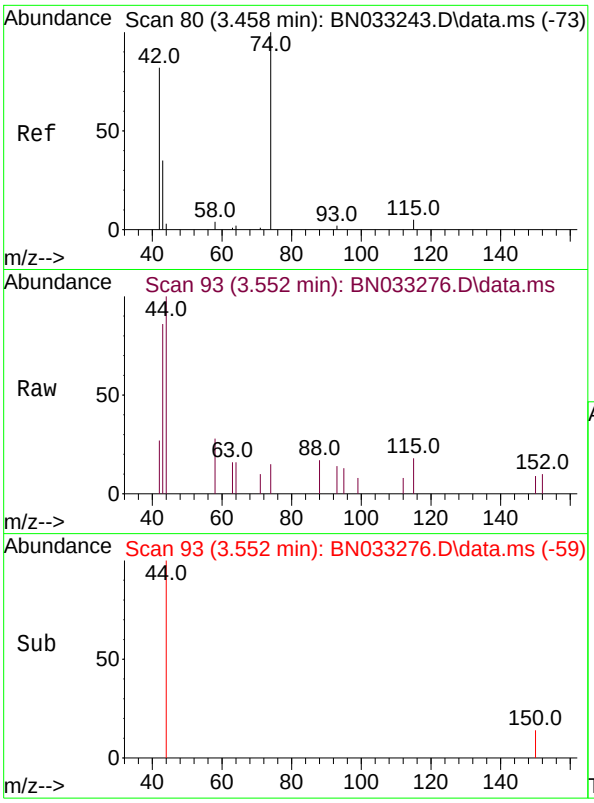


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.148 min Scan# 37
Delta R.T. 0.101 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion: 88 Resp: 6

Ion	Ratio	Lower	Upper
88	100		
43	37883.3	18.6	28.0#
58	4050.0	54.5	81.7#



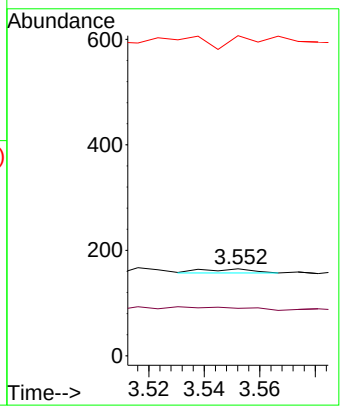


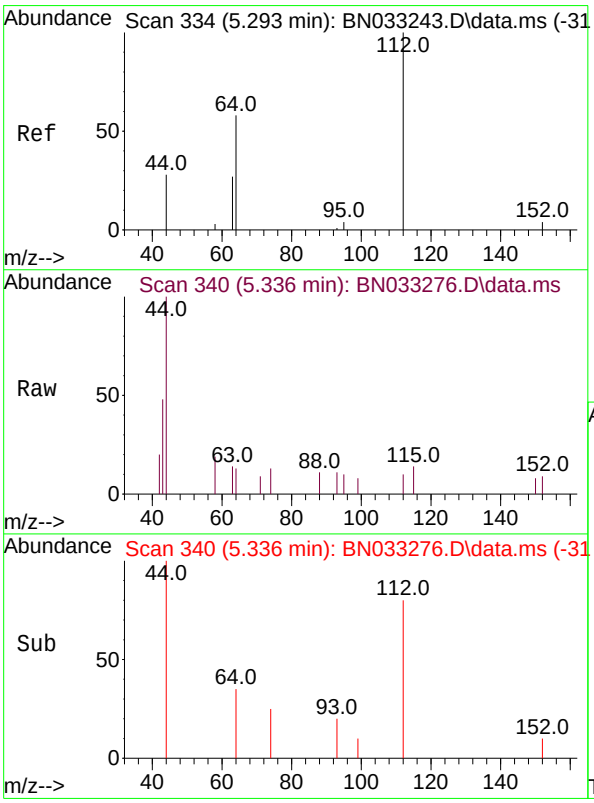
#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.552 min Scan# 9
Delta R.T. 0.094 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	460.0	9.6	14.4#

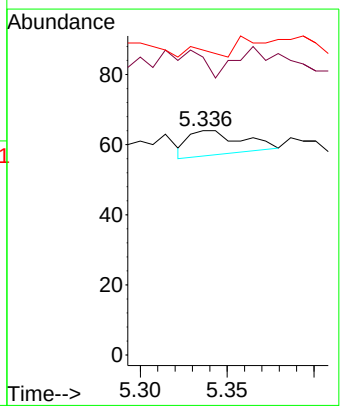


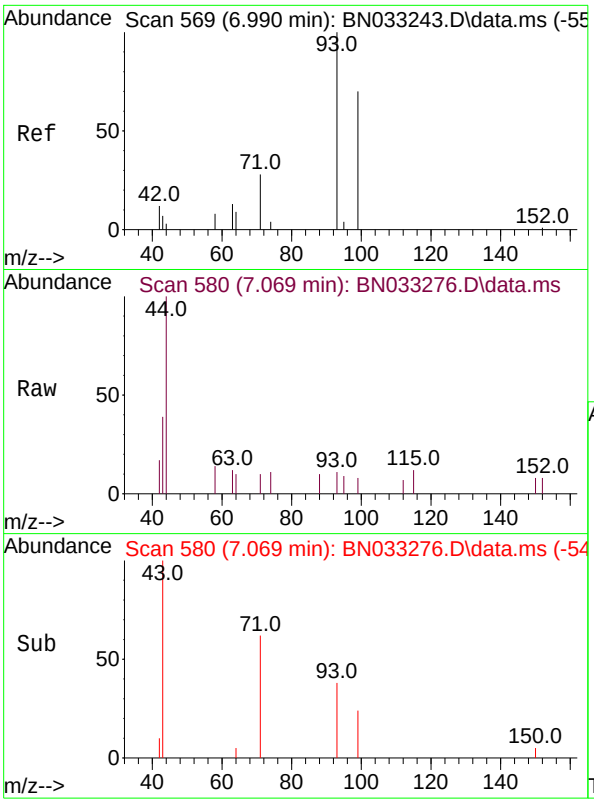


#4
2-Fluorophenol
Concen: 0.034 ng
RT: 5.336 min Scan# 340
Delta R.T. 0.043 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:112 Resp: 15

Ion	Ratio	Lower	Upper
112	100		
64	0.0	18.0	27.0#
63	20.0	0.0	0.0#



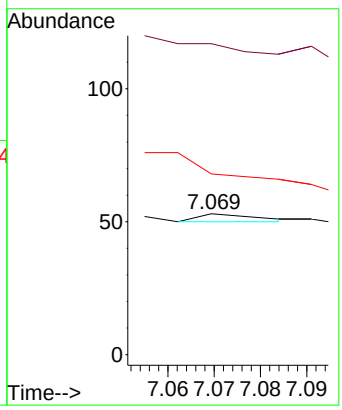


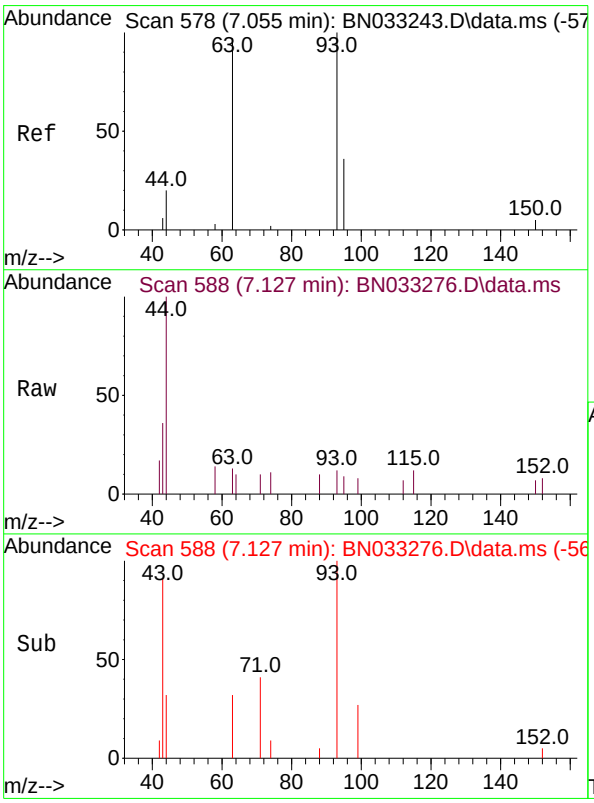
#5
Phenol-d6
Concen: 0.005 ng
RT: 7.069 min Scan# 5
Delta R.T. 0.079 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion: 99 Resp: 3

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

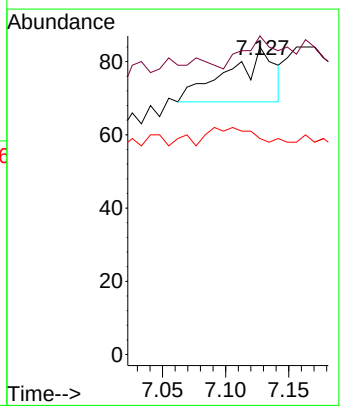


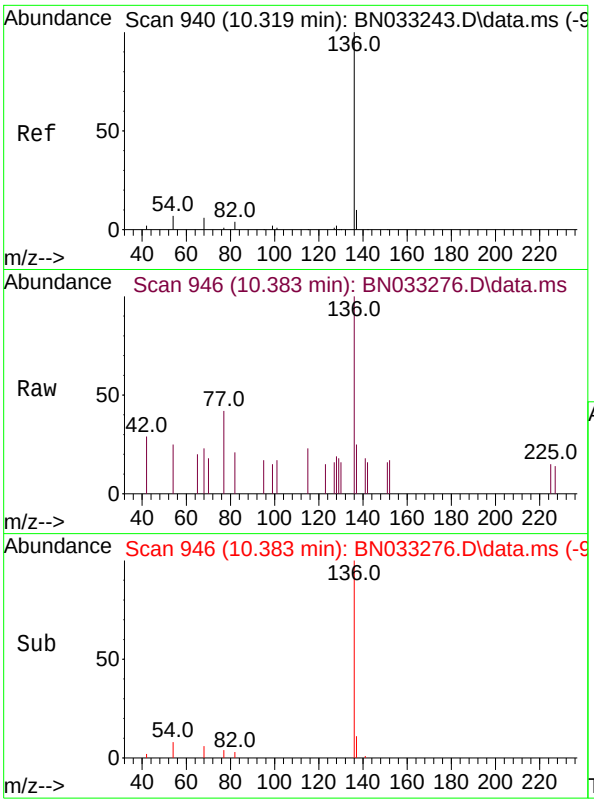


#6
bis(2-Chloroethyl)ether
Concen: 0.076 ng
RT: 7.127 min Scan# 588
Delta R.T. 0.072 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion: 93 Resp: 39

Ion	Ratio	Lower	Upper
93	100		
63	38.5	1.1	1.7#
95	0.0	0.0	0.0



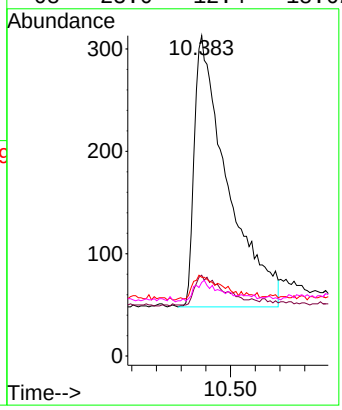


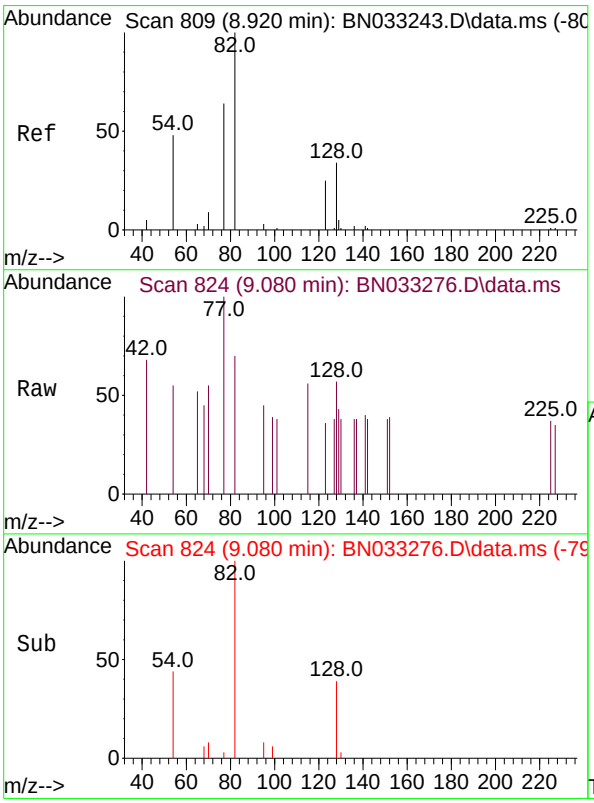
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 9
Delta R.T. 0.064 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:136 Resp: 2464

Ion	Ratio	Lower	Upper
136	100		
137	25.2	14.1	21.1#
54	24.6	13.8	20.8#
68	23.0	12.4	18.6#

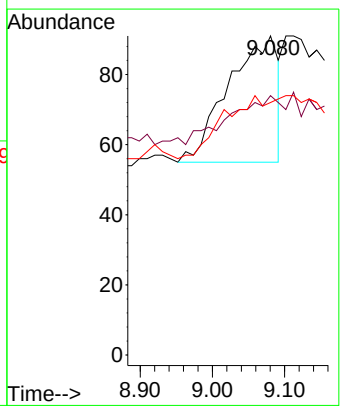


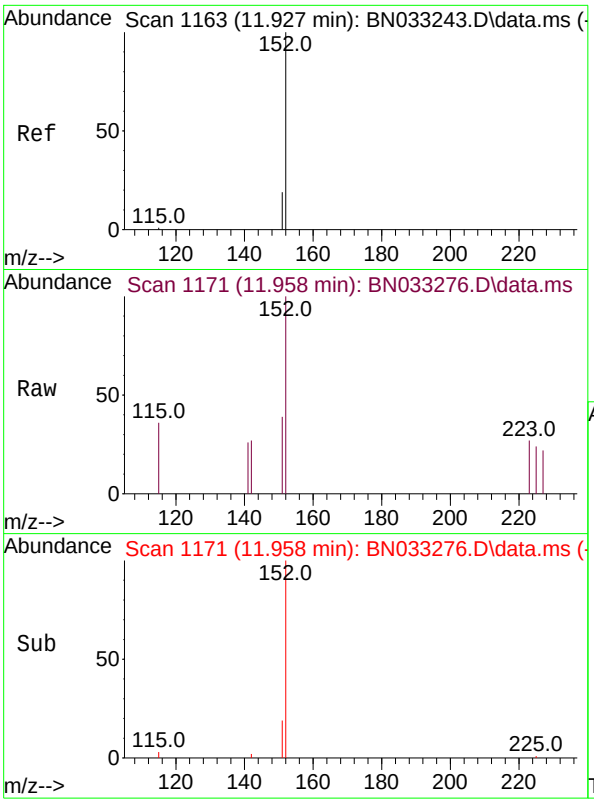


#8
Nitrobenzene-d5
Concen: 0.087 ng
RT: 9.080 min Scan# 824
Delta R.T. 0.160 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion: 82 Resp: 172

Ion	Ratio	Lower	Upper
82	100		
128	81.3	54.8	82.2
54	79.1	55.9	83.9



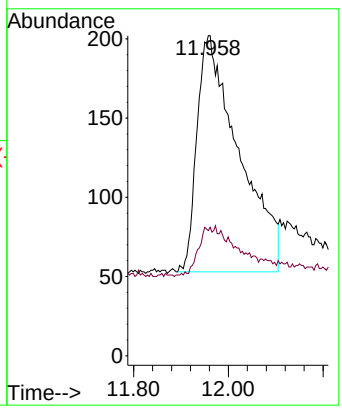


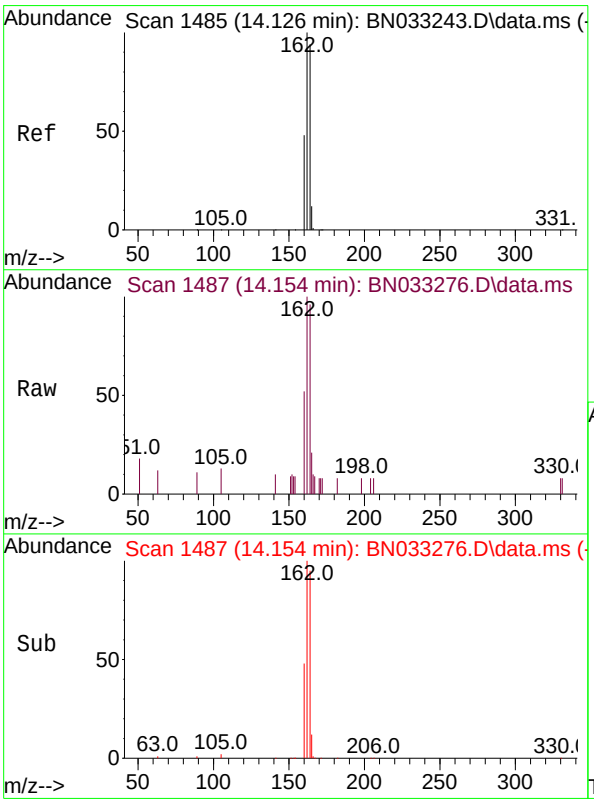
#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.958 min Scan# 11
Delta R.T. 0.031 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
151	7.0	11.9	17.9#

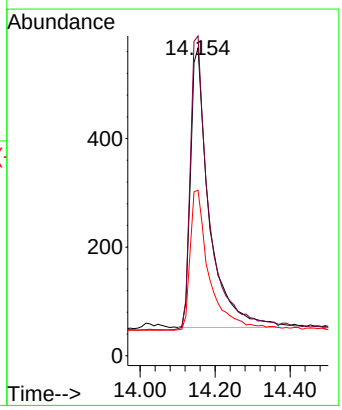


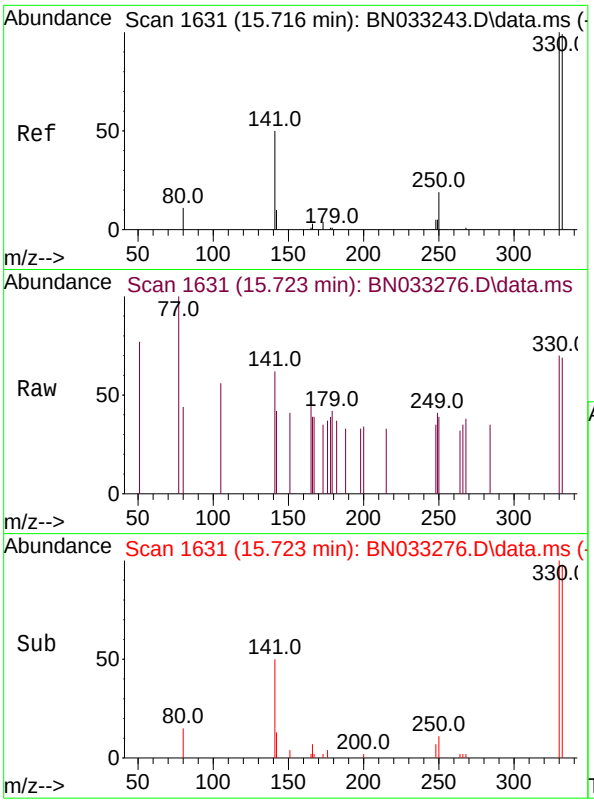


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.154 min Scan# 1487
Delta R.T. 0.028 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:164 Resp: 1782

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.6	127.0
160	53.8	42.4	63.6



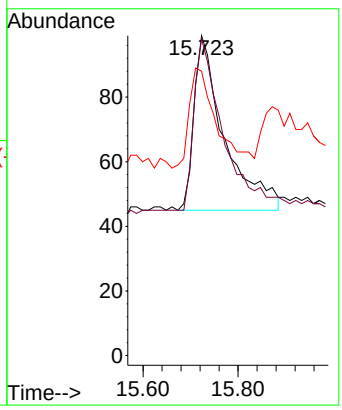


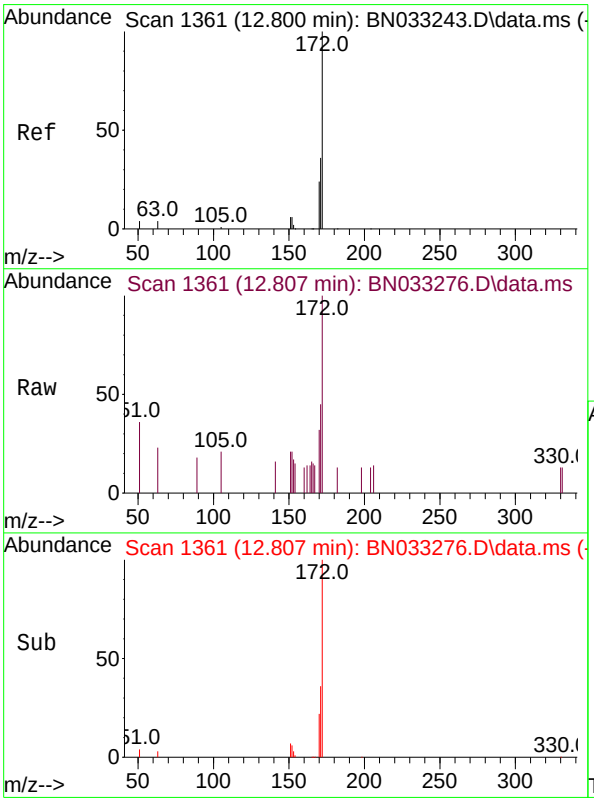
#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.723 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:330 Resp: 239

Ion	Ratio	Lower	Upper
330	100		
332	96.2	73.7	110.5
141	46.4	44.8	67.2

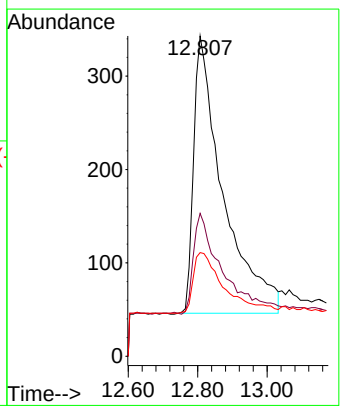


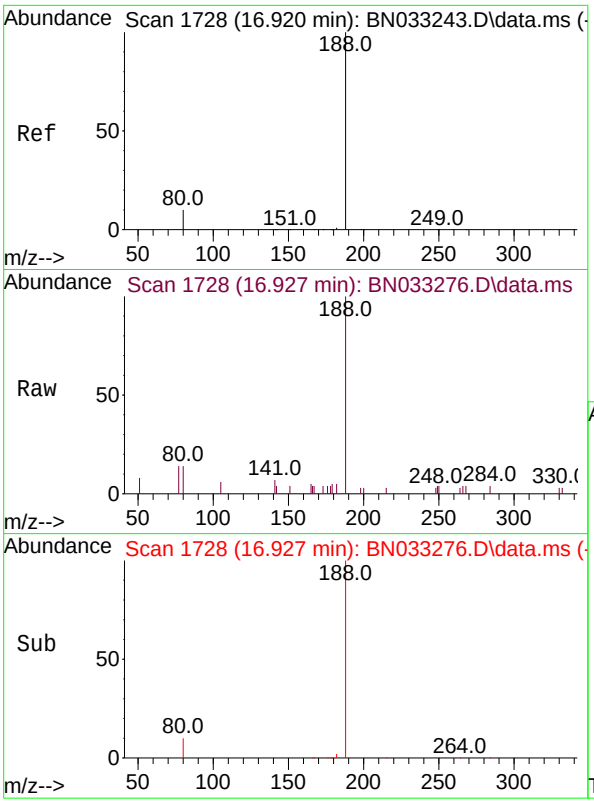


#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.807 min Scan# 1361
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:172 Resp: 1742

Ion	Ratio	Lower	Upper
172	100		
171	44.6	32.3	48.5
170	32.4	23.4	35.2



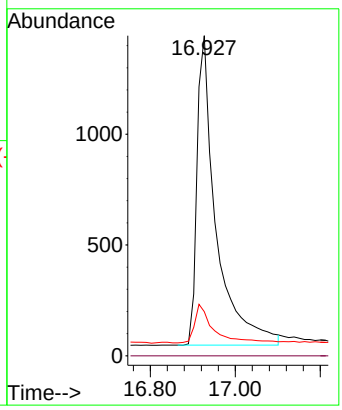


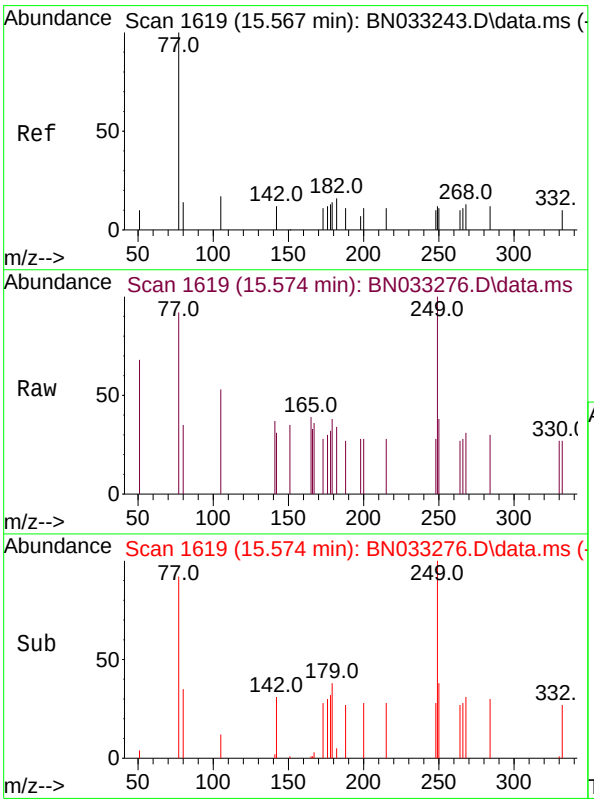
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.927 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:188 Resp: 4351

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	10.2	15.4

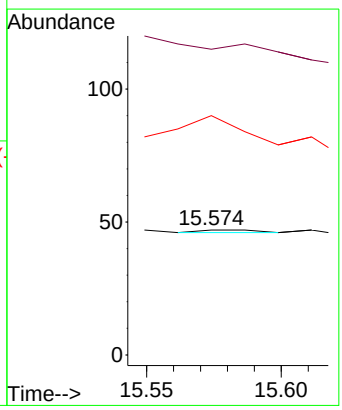


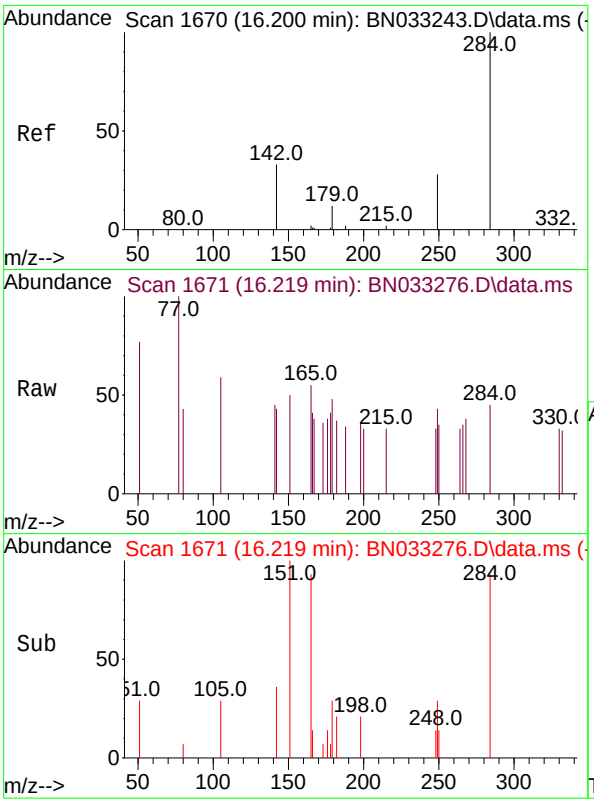


#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.574 min Scan# 1619
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	244.7	250.6	375.8#
105	191.5	152.6	229.0



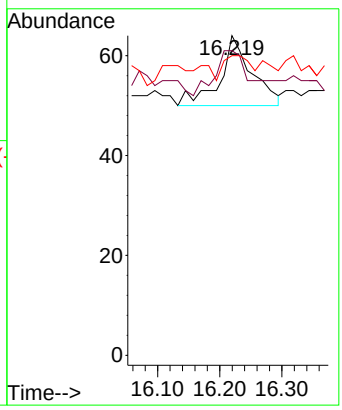


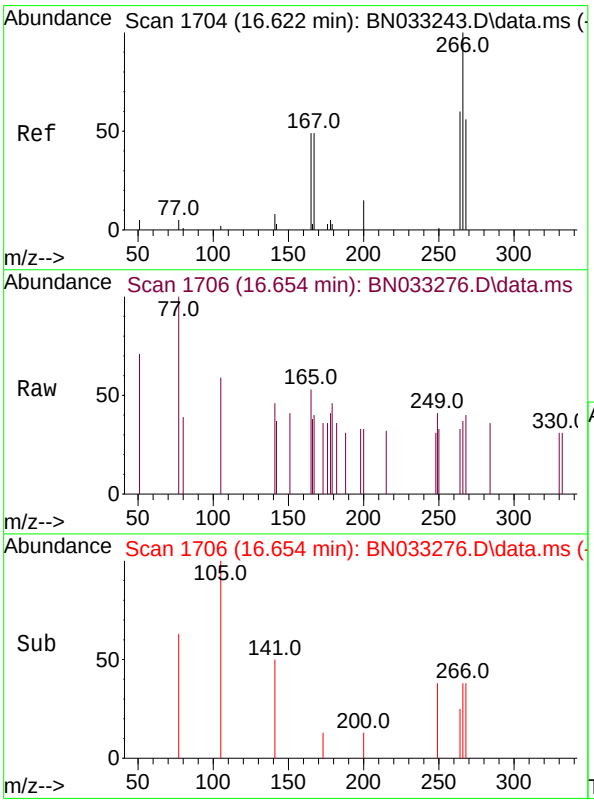
#22
Hexachlorobenzene
Concen: 0.021 ng
RT: 16.219 min Scan# 1(
Delta R.T. 0.019 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:284 Resp: 50

Ion	Ratio	Lower	Upper
284	100		
142	62.0	38.8	58.2#
249	30.0	27.8	41.6

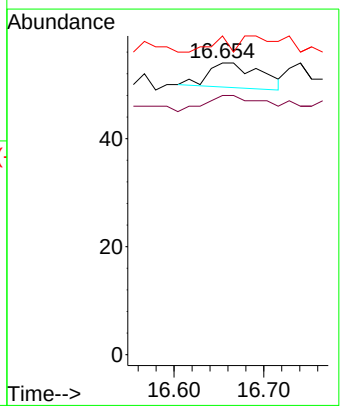


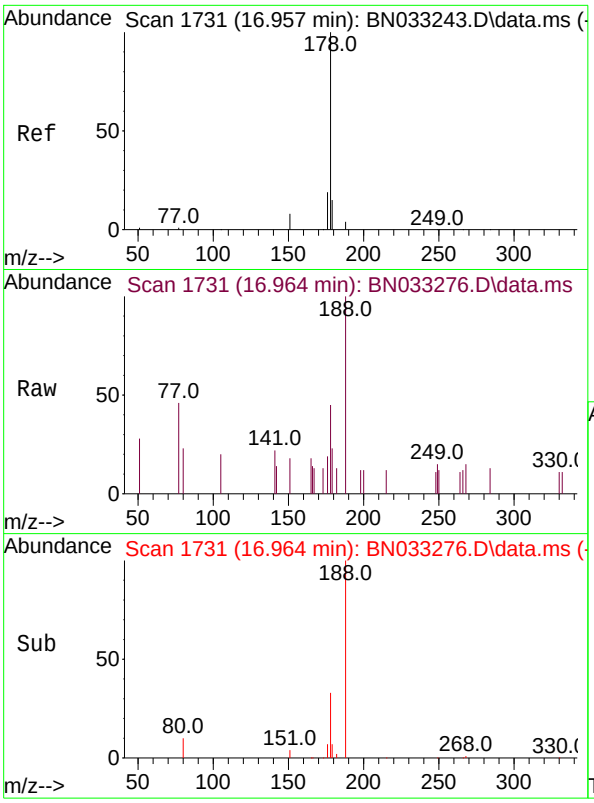


#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.654 min Scan# 1706
Delta R.T. 0.032 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	88.9	49.3	73.9#
268	27.8	50.2	75.2#



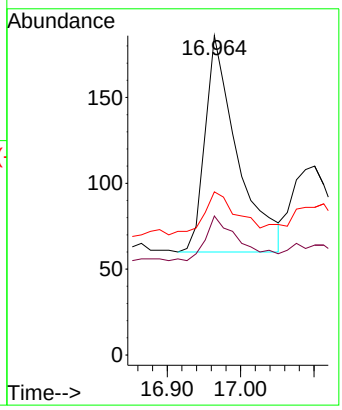


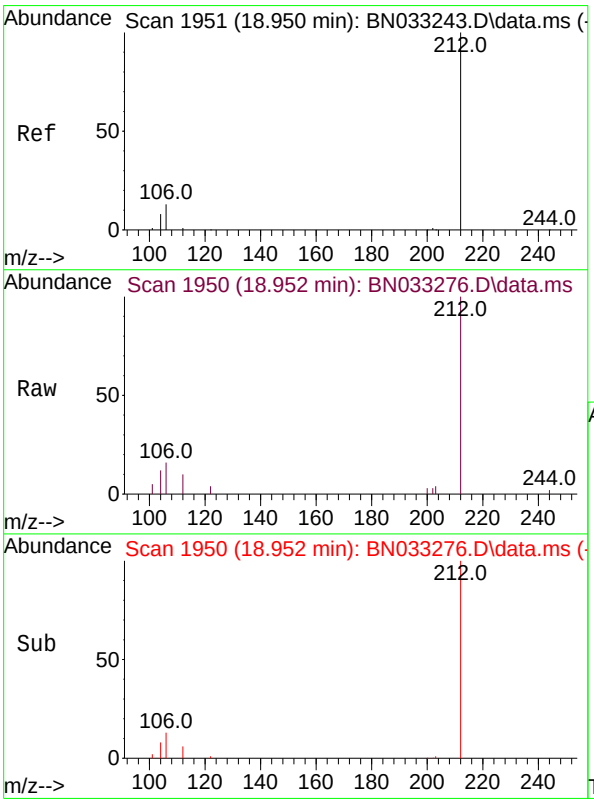
#25
Phenanthrene
Concen: 0.033 ng
RT: 16.964 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:178 Resp: 384

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.7	23.5
179	21.6	12.4	18.6#

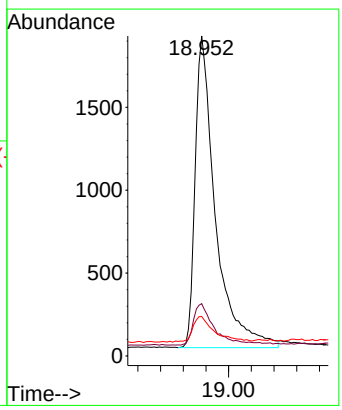


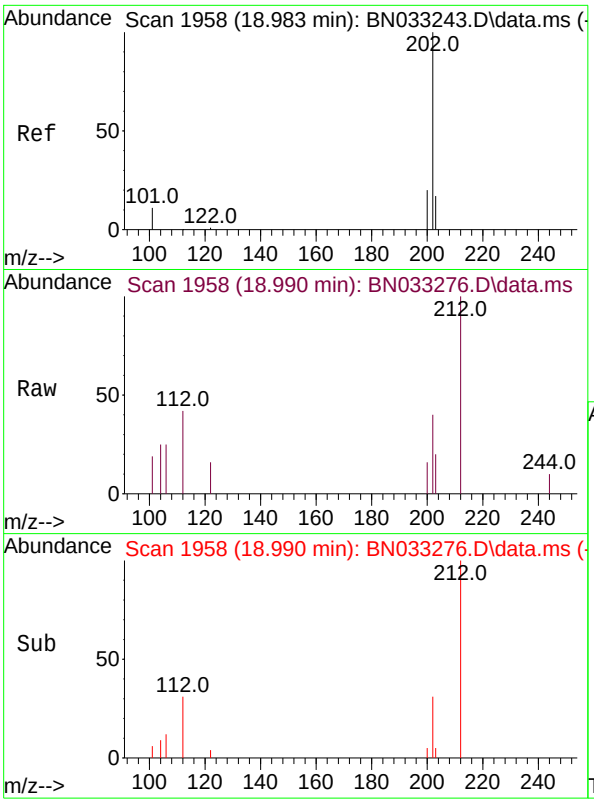


#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.952 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:212 Resp: 4660

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.4	17.0
104	8.9	7.1	10.7



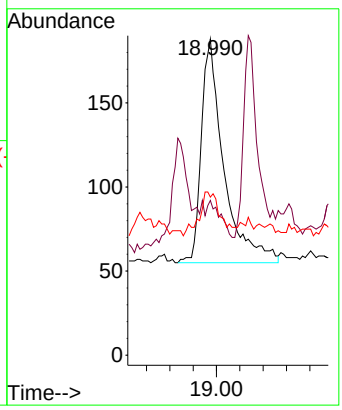


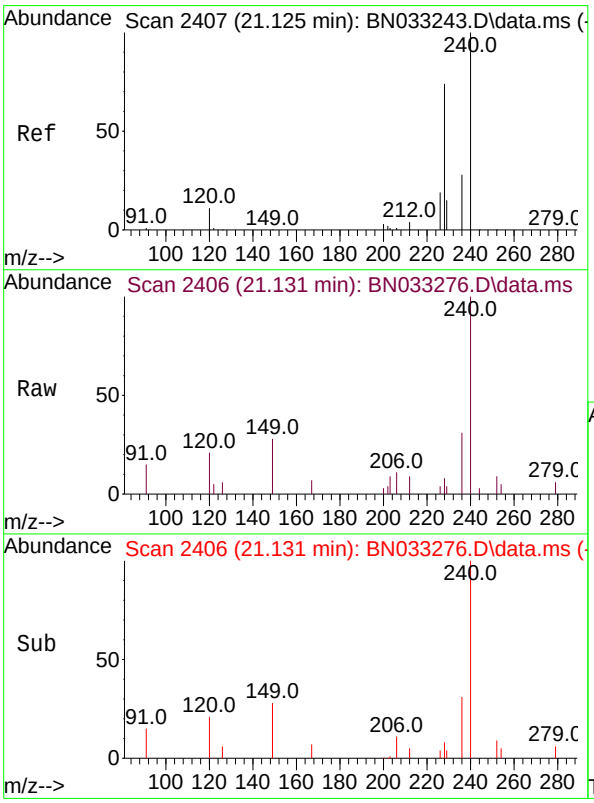
#28
Fluoranthene
Concen: 0.022 ng
RT: 18.990 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:202 Resp: 356

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.6	13.0#
203	18.3	13.8	20.8

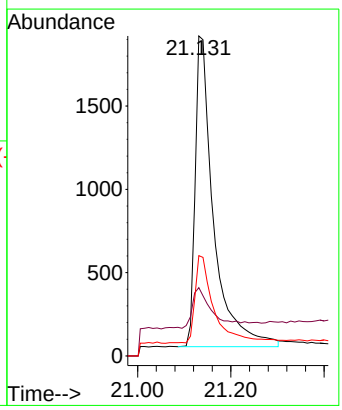


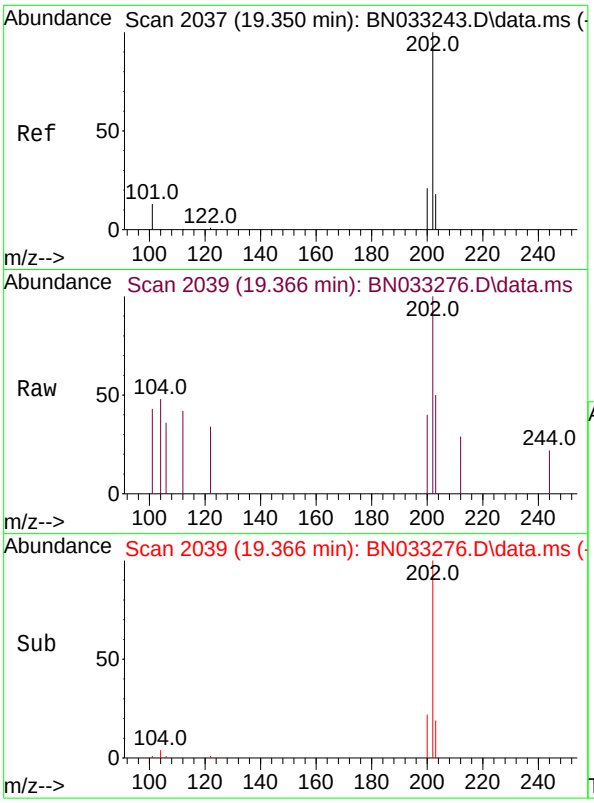


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.131 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:240 Resp: 5137

Ion	Ratio	Lower	Upper
240	100		
120	21.3	13.3	19.9#
236	31.3	23.8	35.6



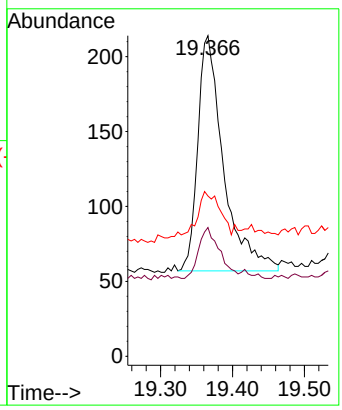


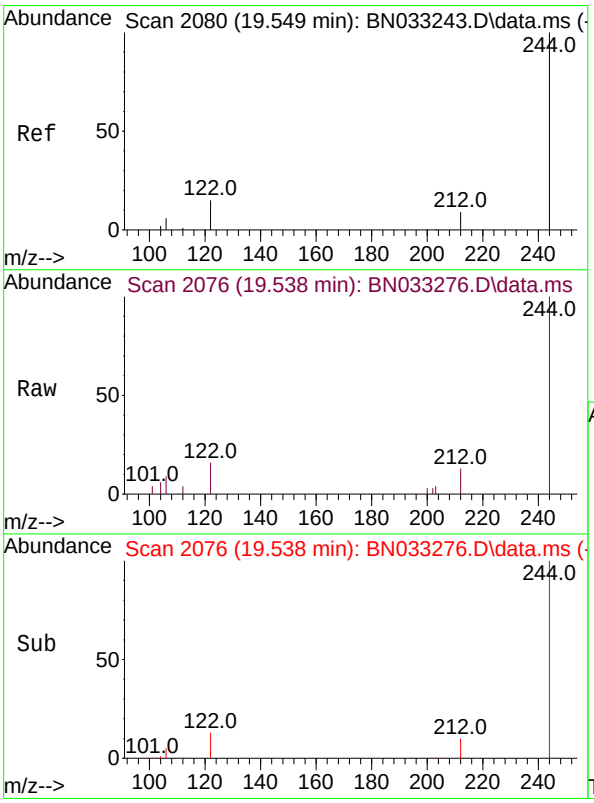
#30
Pyrene
Concen: 0.022 ng
RT: 19.366 min Scan# 2
Delta R.T. 0.016 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:202 Resp: 391

Ion	Ratio	Lower	Upper
202	100		
200	17.6	17.0	25.4
203	18.9	14.4	21.6

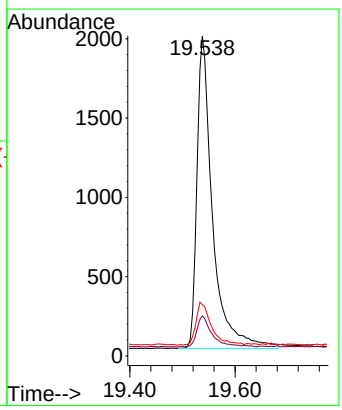


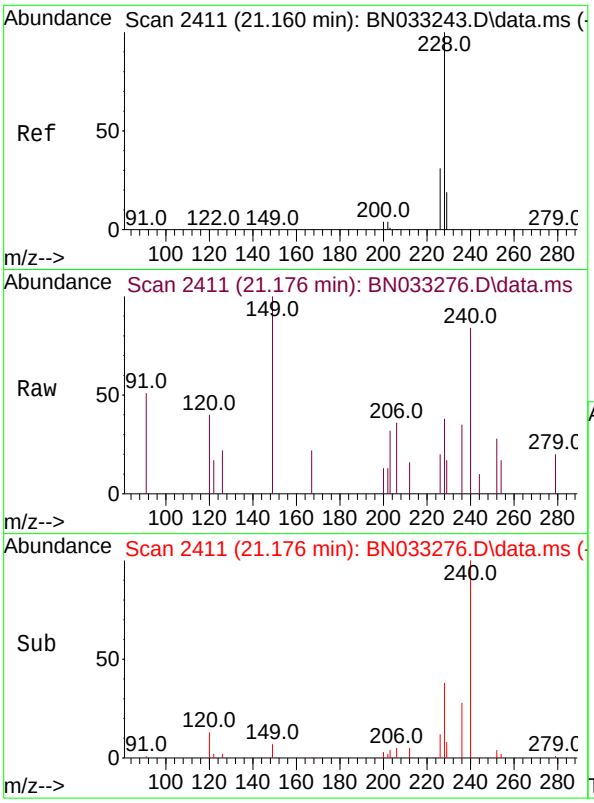


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.538 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:244 Resp: 4047

Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.9	14.9
122	16.1	14.1	21.1



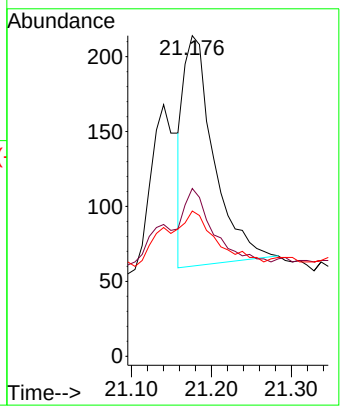


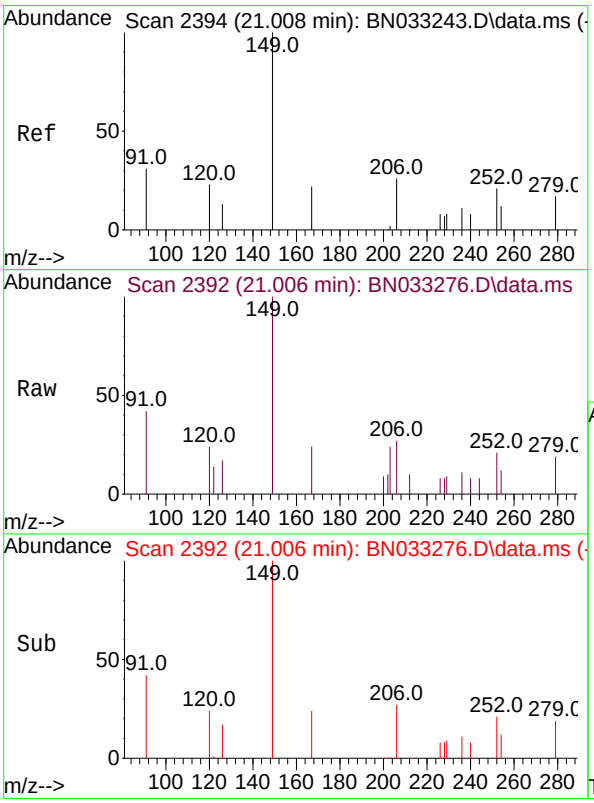
#33
Chrysene
Concen: 0.020 ng
RT: 21.176 min Scan# 2
Delta R.T. 0.016 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:228 Resp: 402

Ion	Ratio	Lower	Upper
228	100		
226	52.3	25.1	37.7#
229	45.3	16.2	24.2#

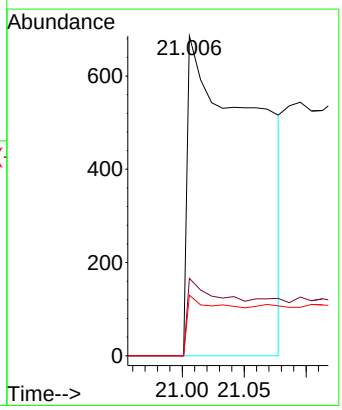


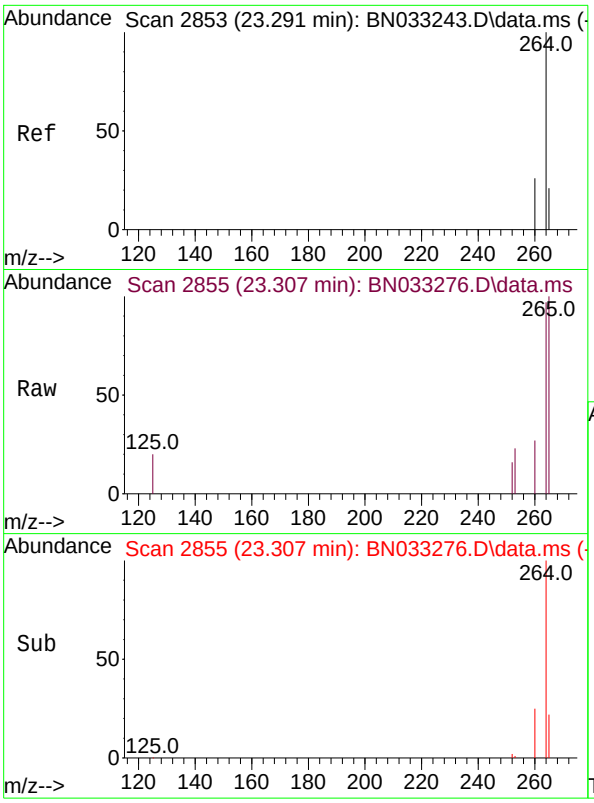


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.682 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Tgt Ion:149 Resp: 2425

Ion	Ratio	Lower	Upper
149	100		
167	15.3	19.8	29.6#
279	12.7	8.2	12.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.307 min Scan# 2
Delta R.T. 0.015 min
Lab File: BN033276.D
Acq: 06 Aug 2024 16:46

Instrument :
BNA_N
ClientSampleId :
MLS-15-360-375

Tgt Ion:264 Resp: 6110

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.2
265	103.0	66.6	99.8#