Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017902.D
Acq On : 11 Dec 2021 12:19
Operator : CG/JU
Sample : M4923-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Quant Time: Dec 11 21:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	25405	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	103972	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	70678	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	143367	0.400	ng	0.00
29) Chrysene-d12	21.293	240	108703	0.400	ng	0.00
35) Perylene-d12	23.592	264	73303	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5835	0.111	ng	0.00
5) Phenol-d6	6.903	99	3252	0.063	ng	0.00
8) Nitrobenzene-d5	8.859	82	17072	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	45945	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4495	0.449	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68656	0.276	ng	0.00
27) Fluoranthene-d10	19.124	212	167516	0.360	ng	0.00
31) Terphenyl-d14	19.730	244	134304	0.501	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	5434	0.705	ng	93
20) 4,6-Dinitro-2-methylph...	15.438	198	8	Below Cal	#	1
23) Atrazine	16.581	200	134	0.093	ng #	1
24) Pentachlorophenol	16.812	266	42	0.102	ng #	31
25) Phenanthrene	17.129	178	9156	0.025	ng	97
32) Benzo(a)anthracene	21.282	228	475	0.051	ng #	45
34) Bis(2-ethylhexyl)phtha...	21.208	149	19373	0.166	ng	99
36) Indeno(1,2,3-cd)pyrene	25.957	276	10	0.089	ng #	53
40) Dibenzo(a,h)anthracene	25.995	278	3	0.101	ng #	1

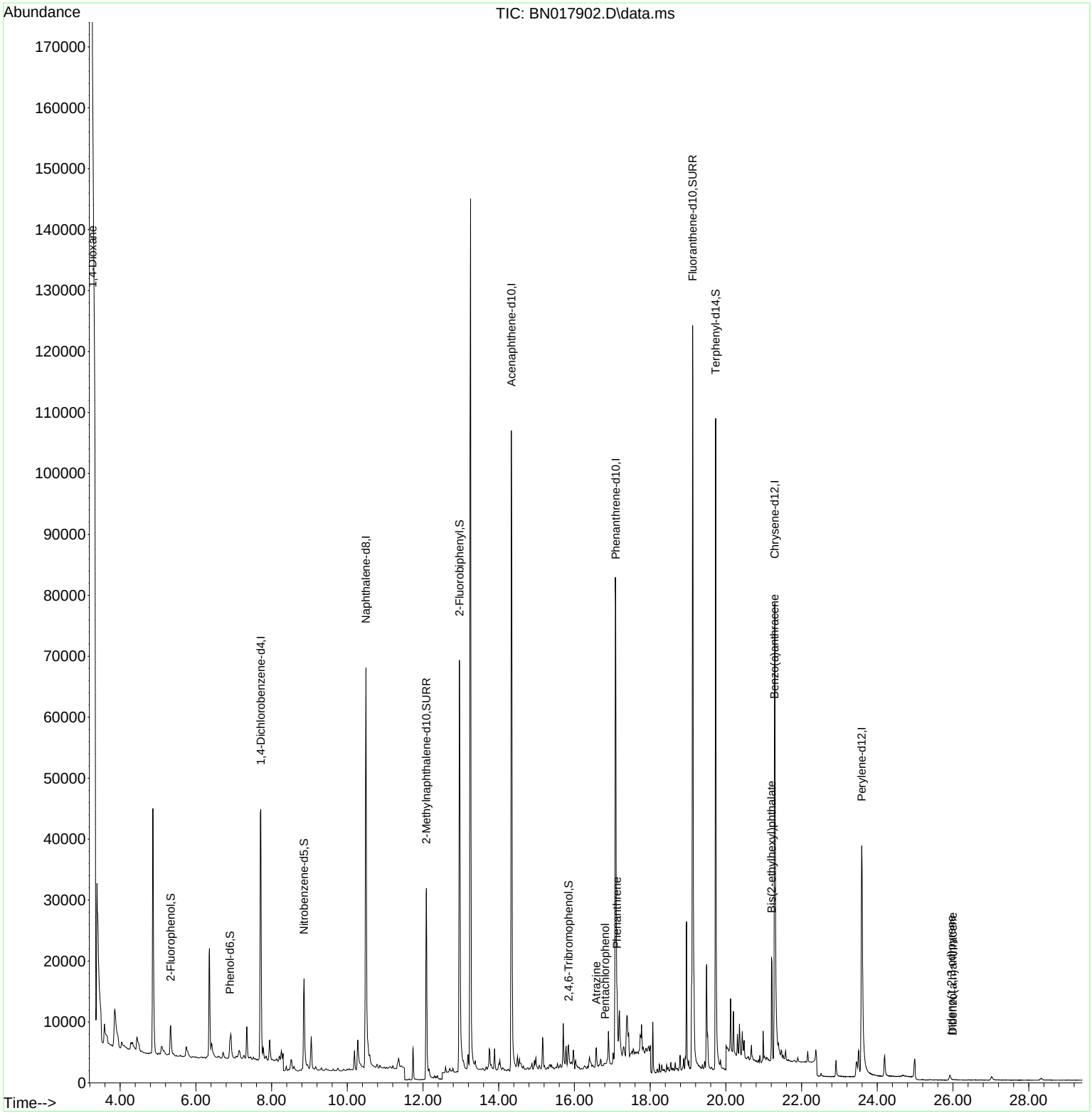
(#) = qualifier out of range (m) = manual integration (+) = signals summed

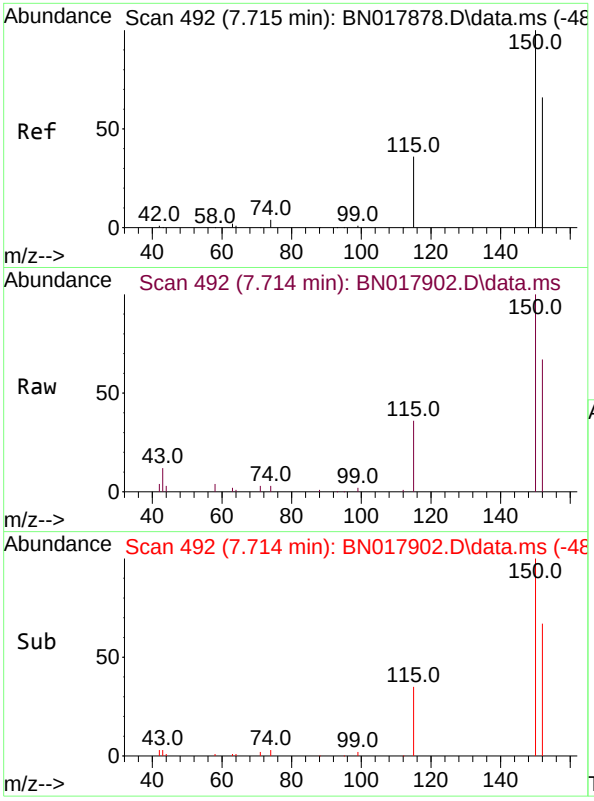
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017902.D
Acq On : 11 Dec 2021 12:19
Operator : CG/JU
Sample : M4923-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Quant Time: Dec 11 21:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



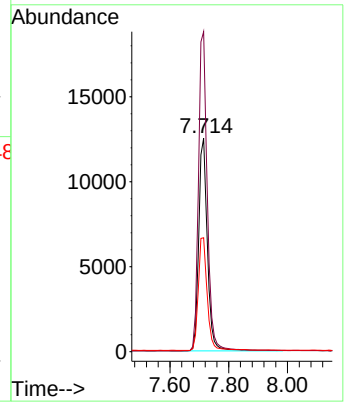


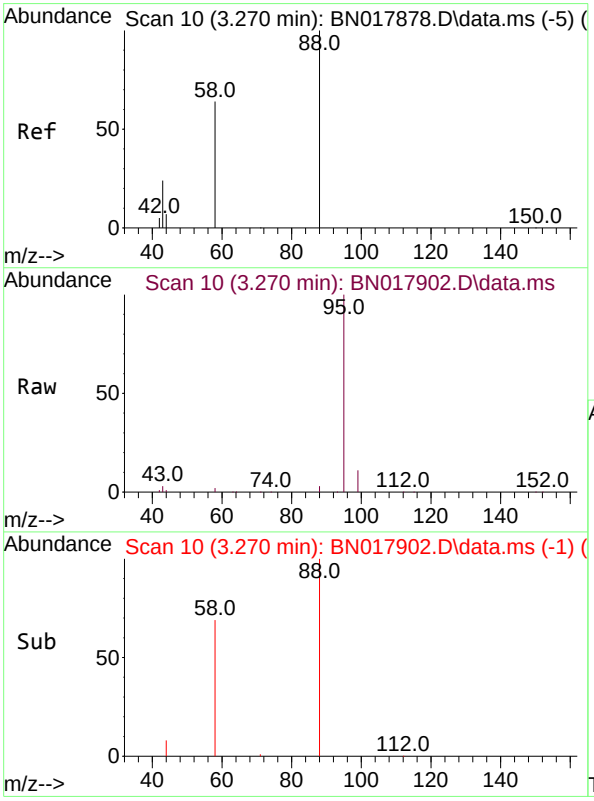
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:152 Resp: 25405

Ion	Ratio	Lower	Upper
152	100		
150	150.0	121.9	182.9
115	53.4	44.1	66.1

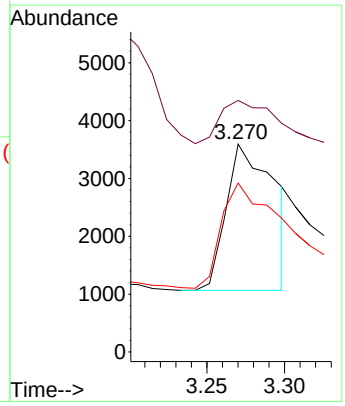


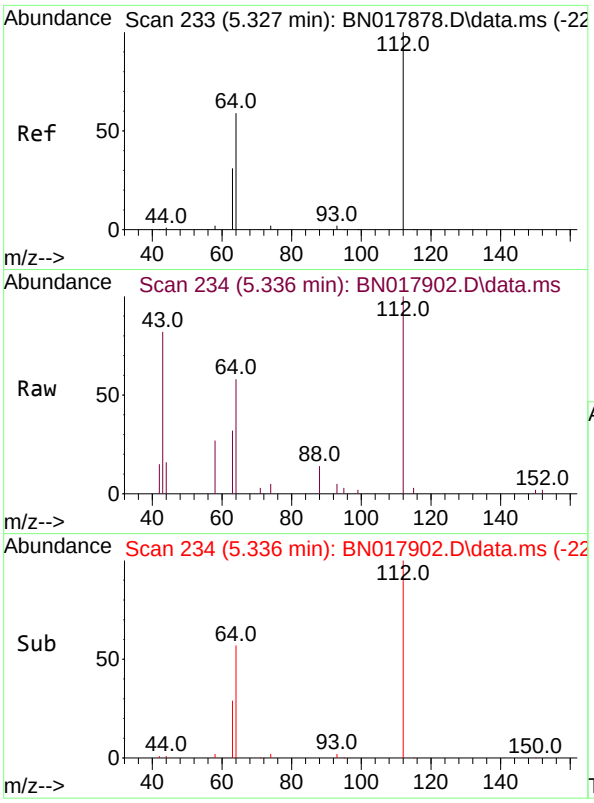


#2
1,4-Dioxane
Concen: 0.705 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion: 88 Resp: 5434

Ion	Ratio	Lower	Upper
88	100		
43	31.2	28.0	42.0
58	75.4	65.4	98.0



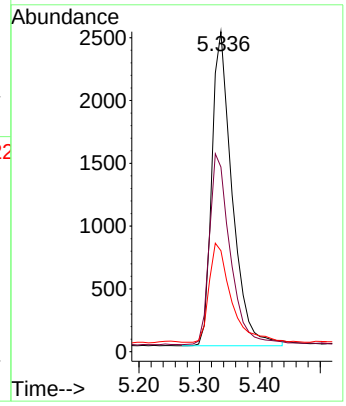


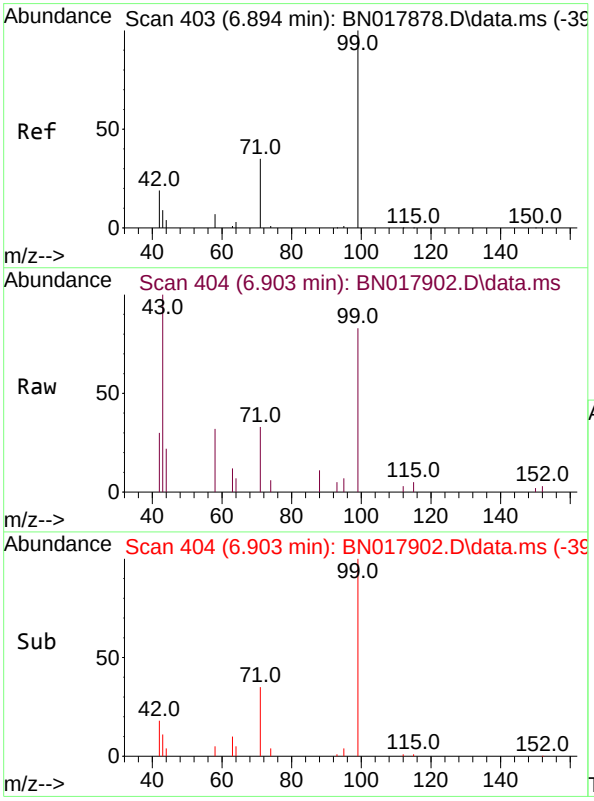
#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.336 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:112 Resp: 5835

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.0	73.4
63	34.1	26.2	39.2

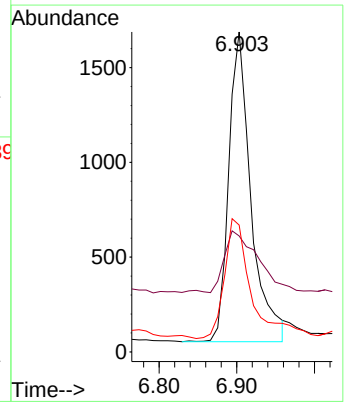


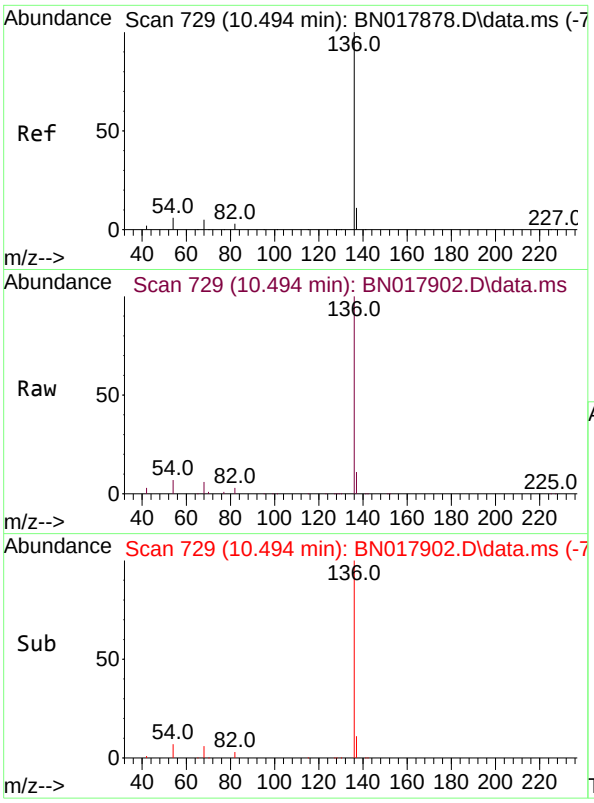


#5
Phenol-d6
Concen: 0.063 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion: 99 Resp: 3252

Ion	Ratio	Lower	Upper
99	100		
42	29.6	17.0	25.4#
71	44.1	28.0	42.0#



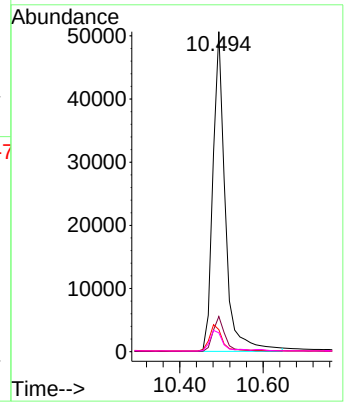


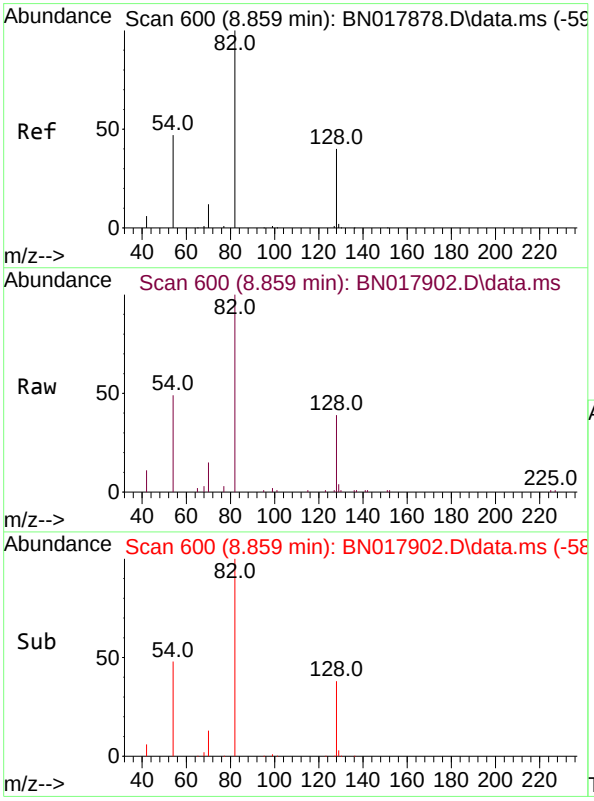
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:136 Resp: 103972

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.1	7.7
68	5.9	4.4	6.6

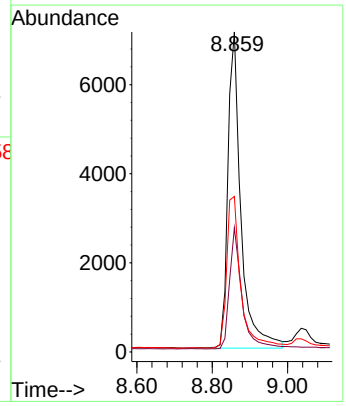


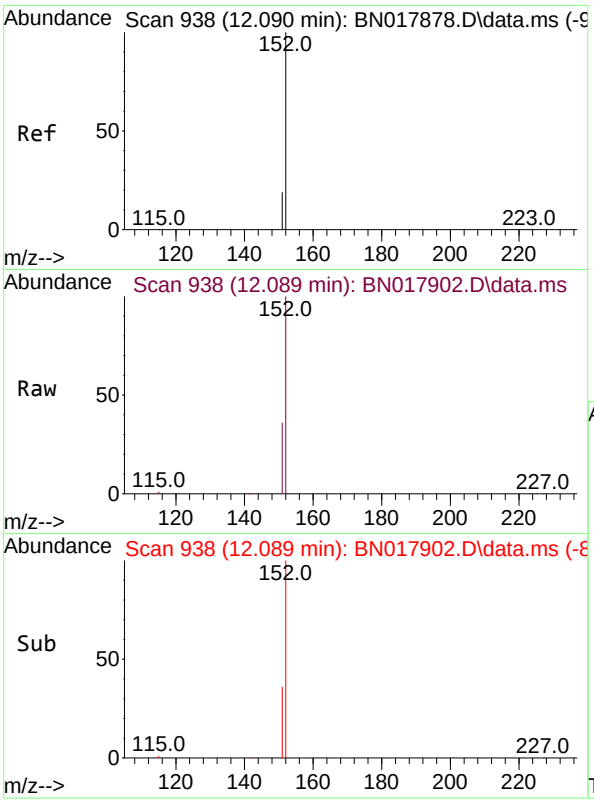


#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion: 82 Resp: 17072

Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.2	48.4
54	48.6	37.6	56.4



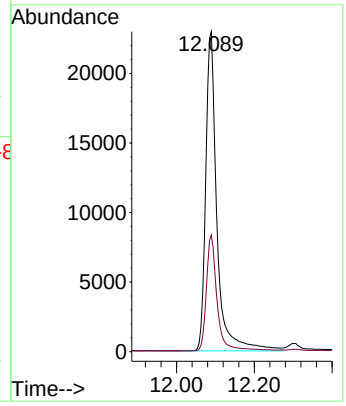


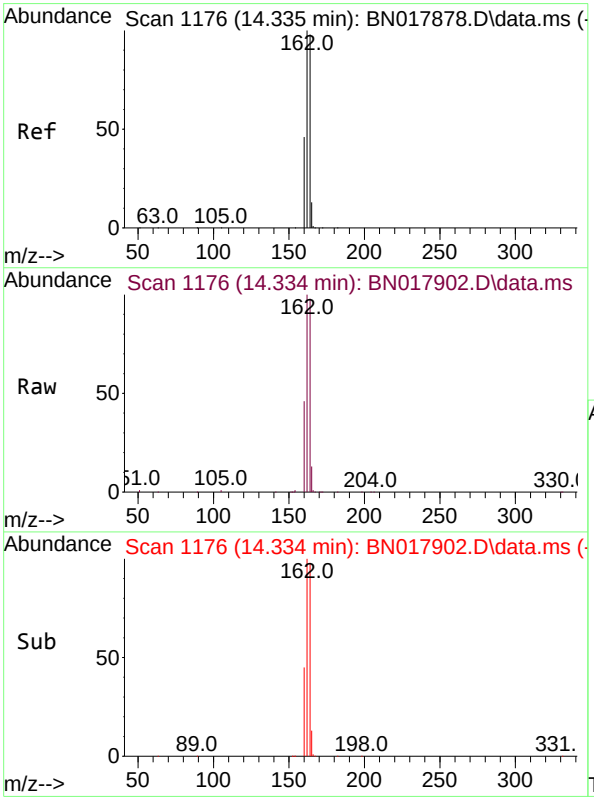
#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.089 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:152 Resp: 45945

Ion	Ratio	Lower	Upper
152	100		
151	34.5	16.4	24.6#

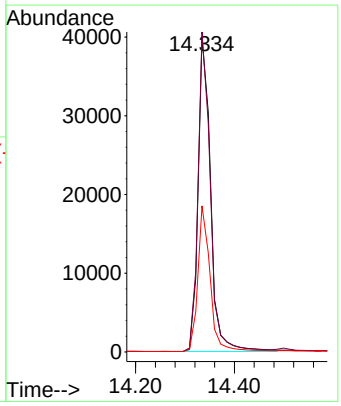


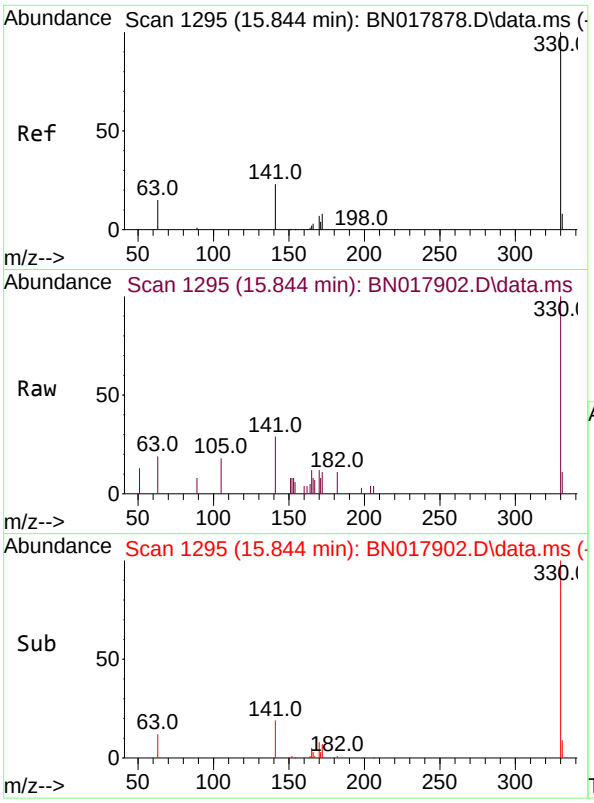


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:164 Resp: 70678

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	46.5	38.2	57.2



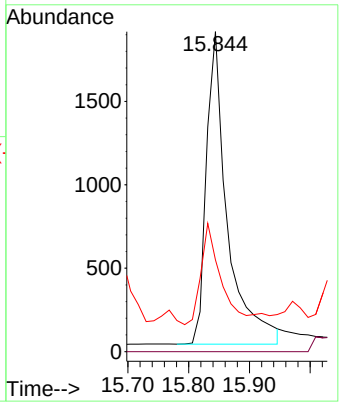


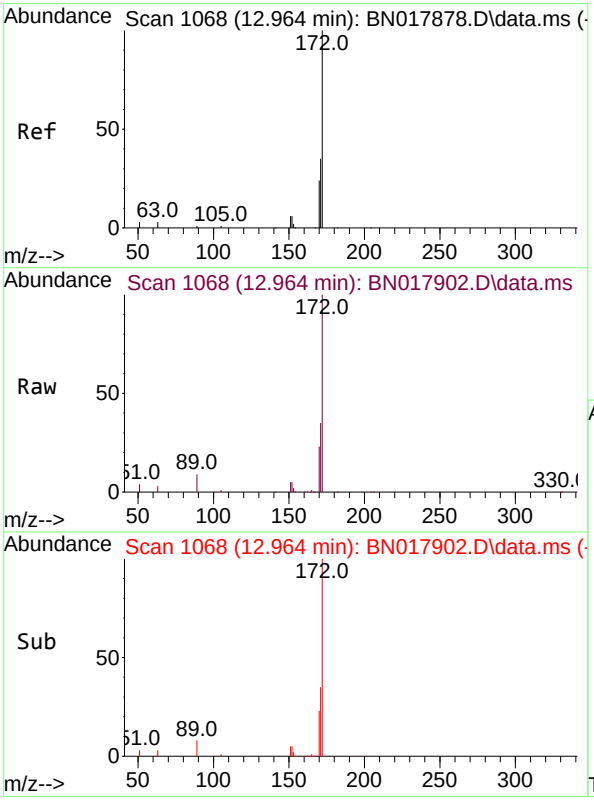
#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 15.844 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:330 Resp: 4495

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.2	19.7	29.5#

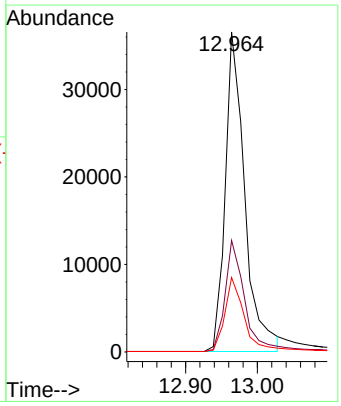


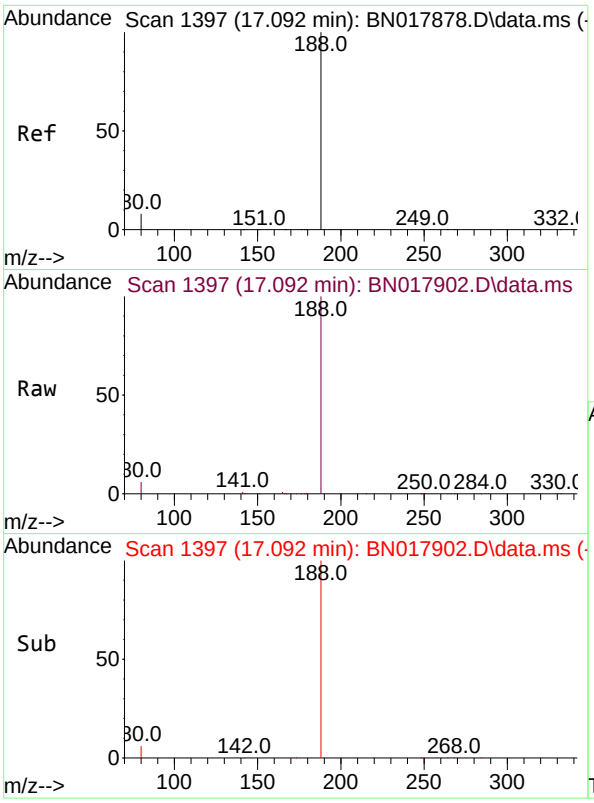


#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:172 Resp: 68656

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.2	19.1	28.7



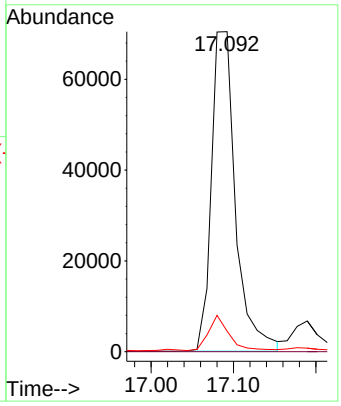


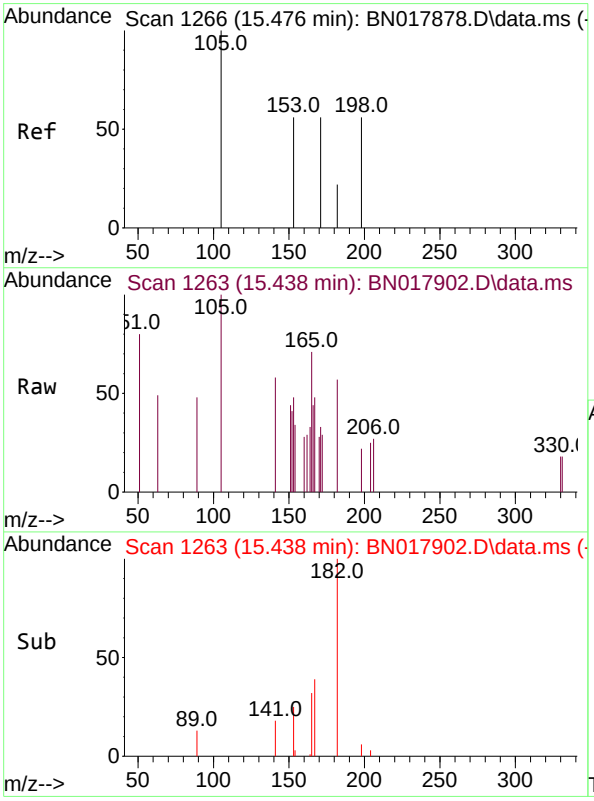
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:188 Resp: 143367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.2	9.2

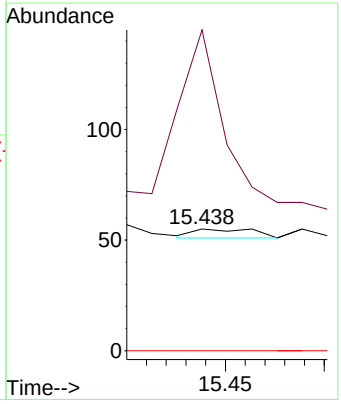


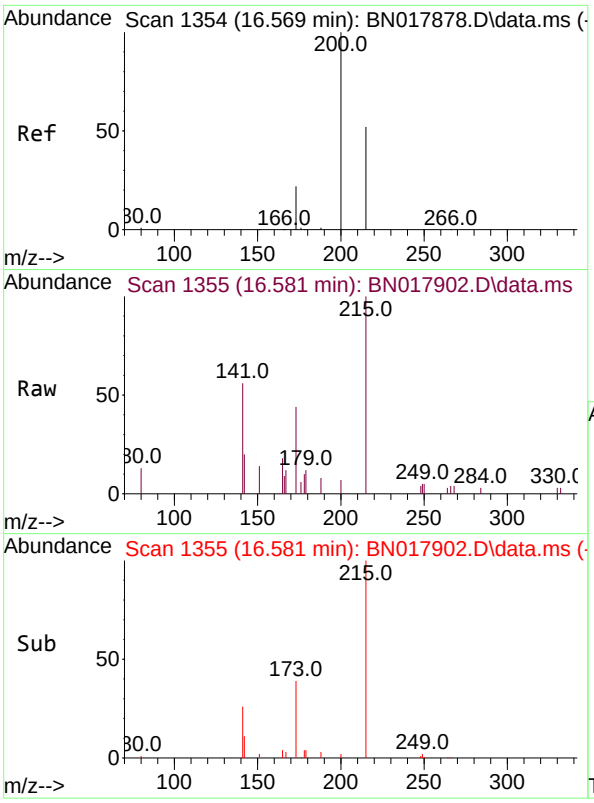


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
182	263.6	70.8	106.2#
77	0.0	0.0	0.0



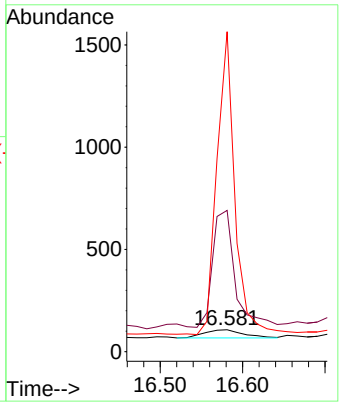


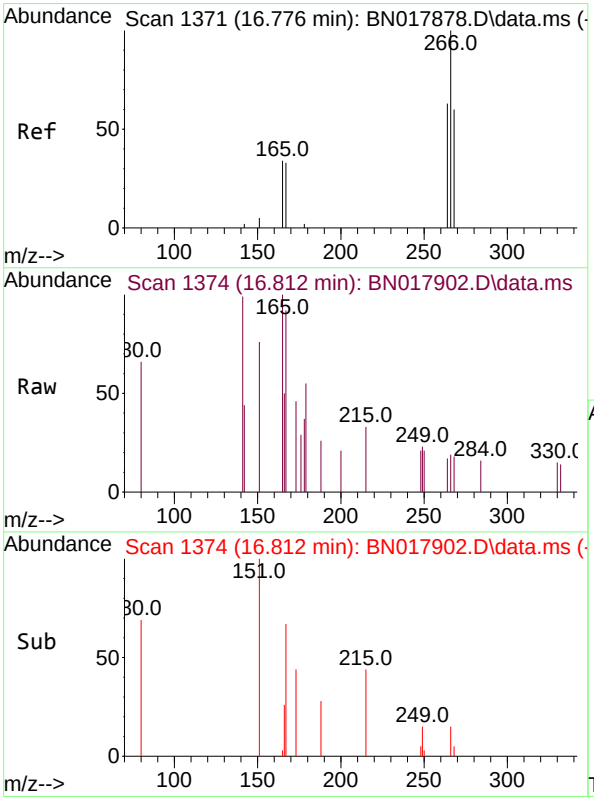
#23
Atrazine
Concen: 0.093 ng
RT: 16.581 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:200 Resp: 134

Ion	Ratio	Lower	Upper
200	100		
173	645.8	18.2	27.2#
215	1462.6	41.8	62.8#

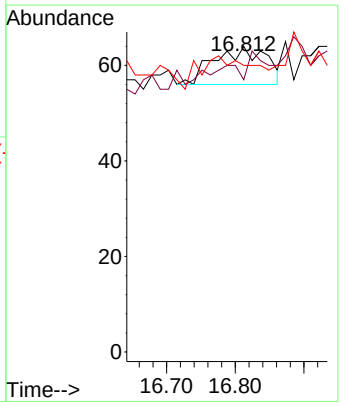


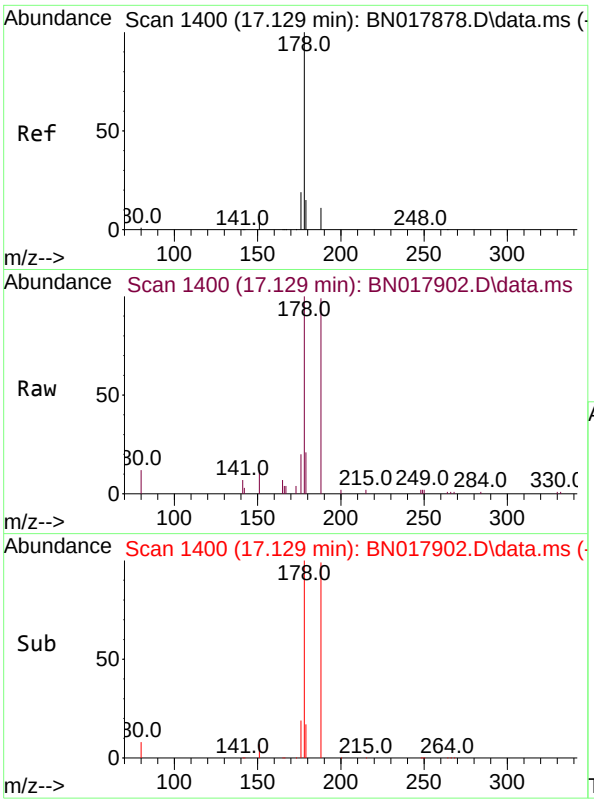


#24
Pentachlorophenol
Concen: 0.102 ng
RT: 16.812 min Scan# 1374
Delta R.T. 0.036 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:266 Resp: 42

Ion	Ratio	Lower	Upper
266	100		
264	21.4	50.6	76.0#
268	0.0	53.7	80.5#



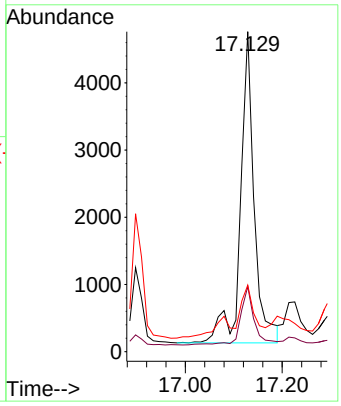


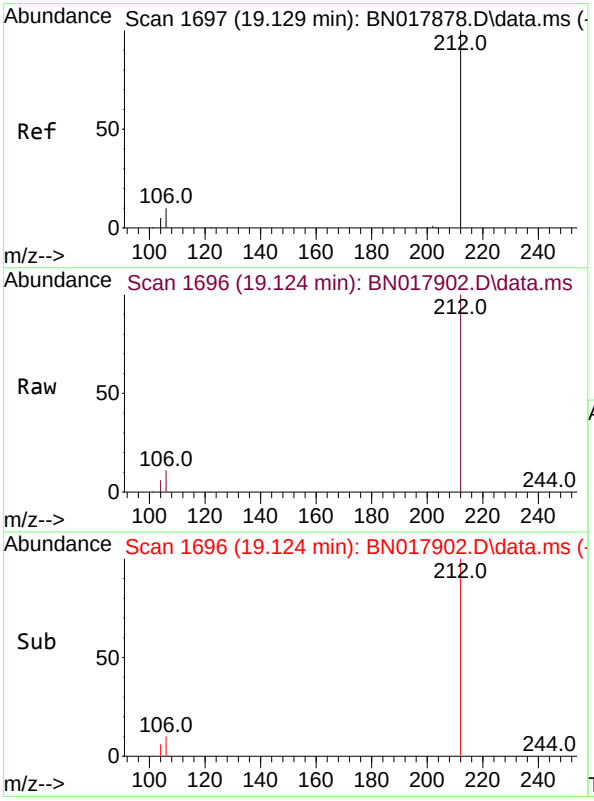
#25
Phenanthrene
Concen: 0.025 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:178 Resp: 9156

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	13.0	12.4	18.6

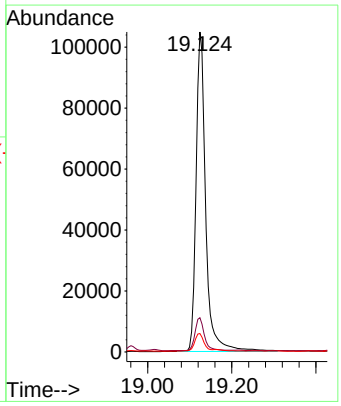


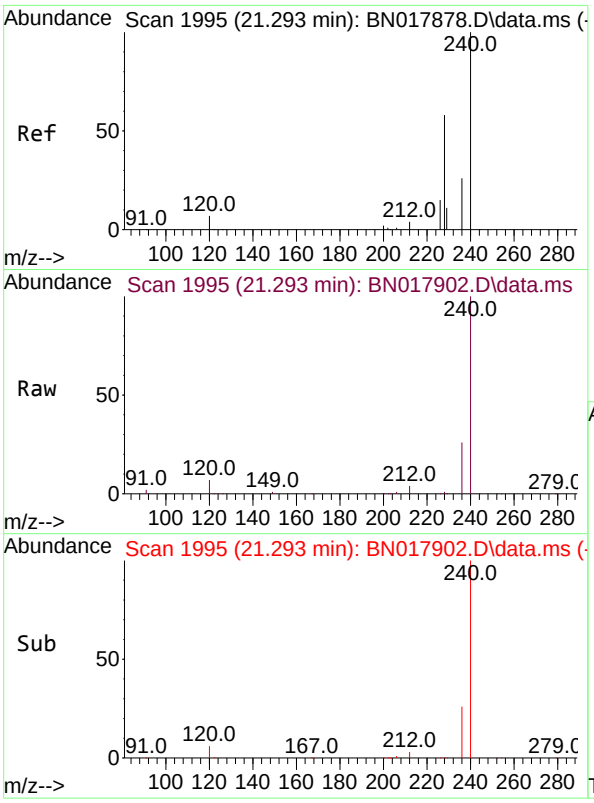


#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:212 Resp: 167516

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.3	12.5
104	5.3	4.6	6.8



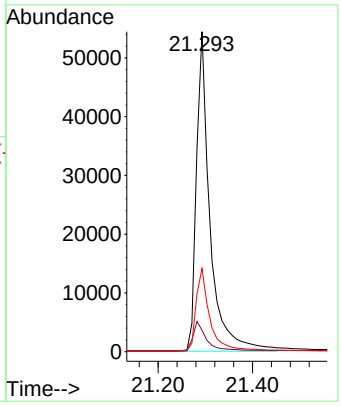


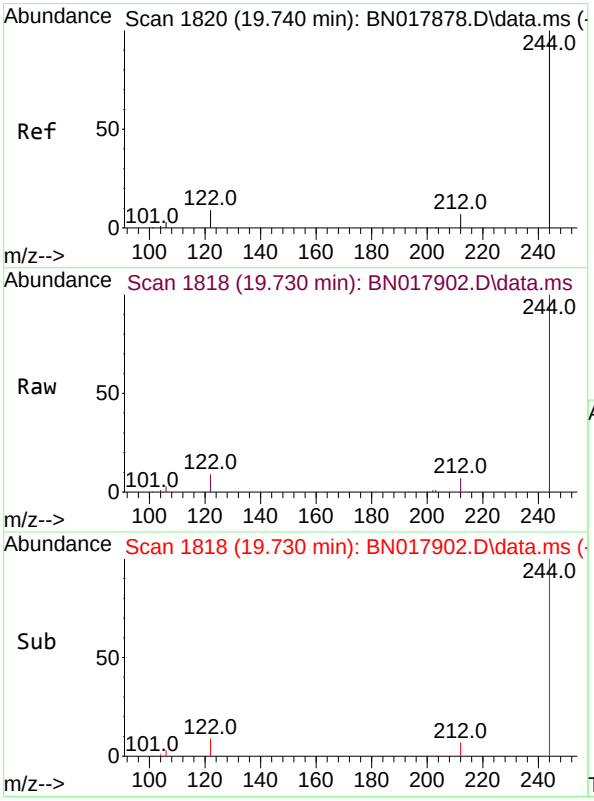
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:240 Resp: 108703

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.8	8.8
236	26.0	21.0	31.6

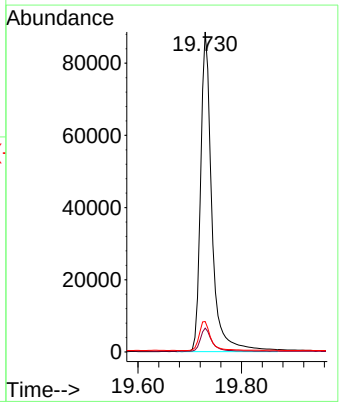


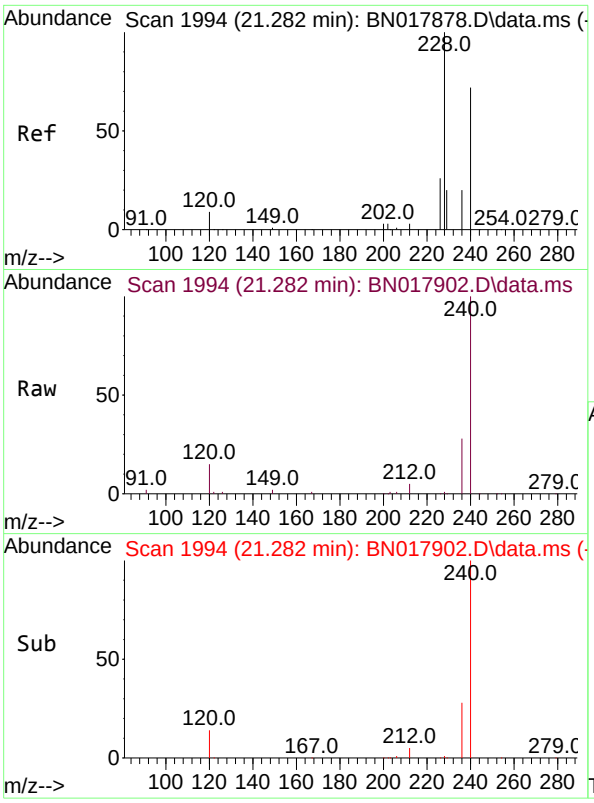


#31
Terphenyl-d14
Concen: 0.501 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:244 Resp: 134304

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.5	7.5	11.3



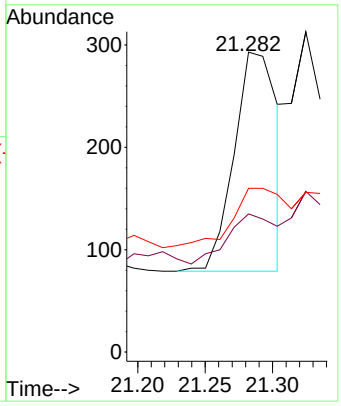


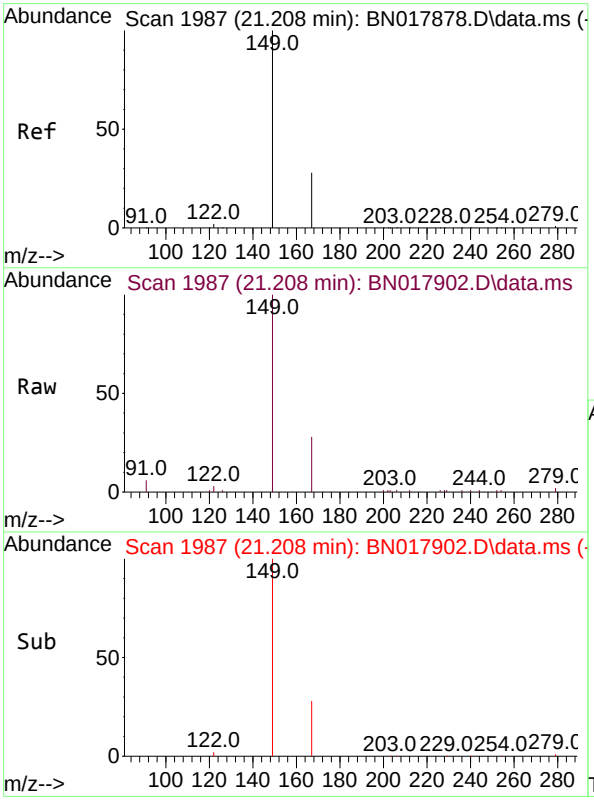
#32
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.282 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:228 Resp: 475

Ion	Ratio	Lower	Upper
228	100		
226	46.1	21.0	31.4#
229	54.6	15.8	23.8#

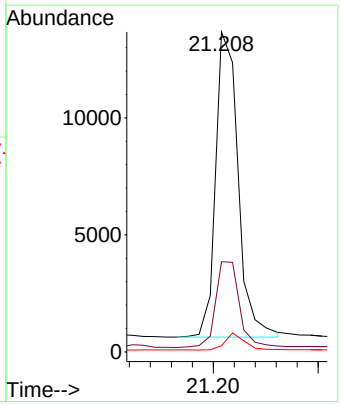


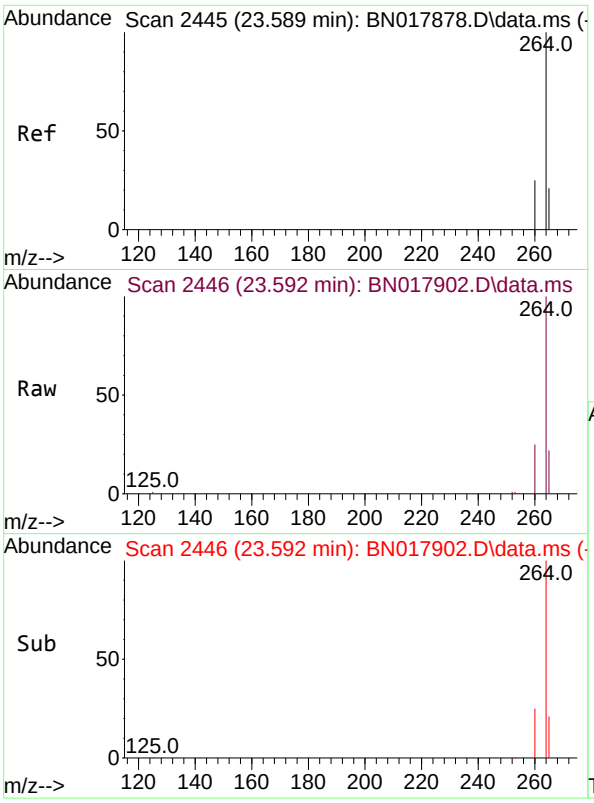


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.166 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:149 Resp: 19373

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	4.8	3.6	5.4



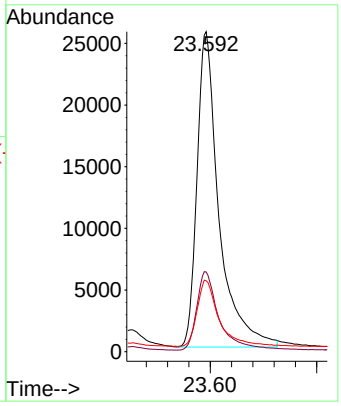


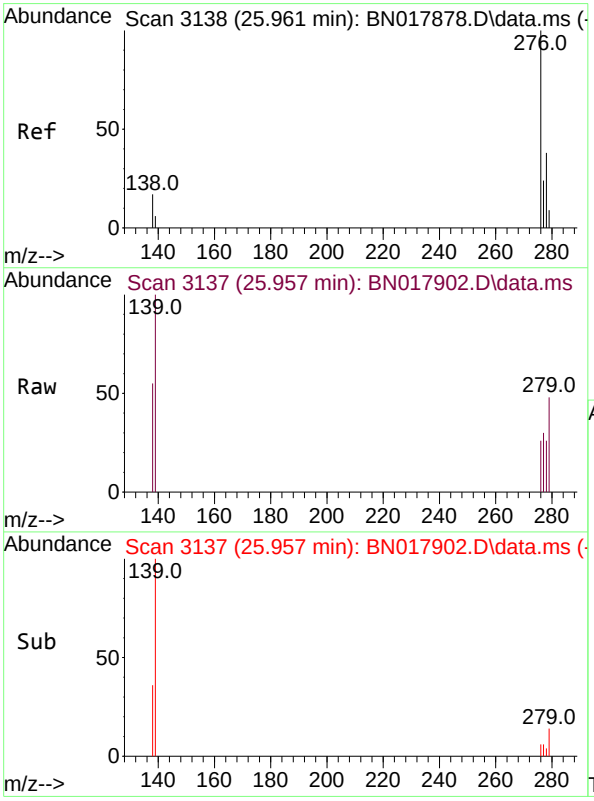
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:264 Resp: 73303

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	22.1	18.2	27.4

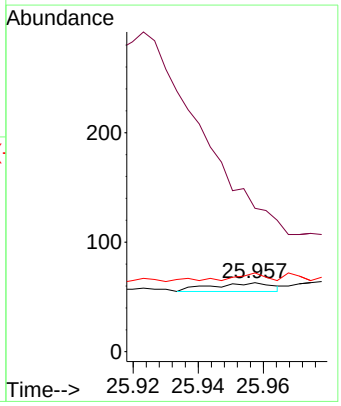


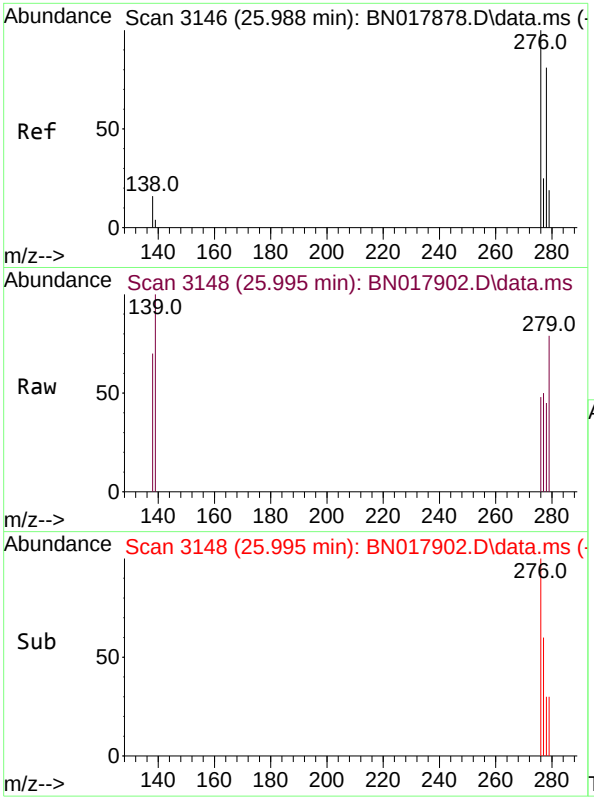


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.957 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:276 Resp: 10

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.2	22.8#
277	50.0	19.8	29.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.995 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	220.3	12.0	18.0#
279	173.4	20.8	31.2#