Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017848.D
Acq On : 09 Dec 2021 23:18
Operator : CG/JU
Sample : M4923-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Quant Time: Dec 10 06:50:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	19232	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	76194	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	51867	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	105210	0.40	ng	0.00
29) Chrysene-d12	21.282	240	88046	0.40	ng	0.00
35) Perylene-d12	23.582	264	58644	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	4386	0.09	ng	0.00
5) Phenol-d6	6.903	99	2305	0.05	ng	0.00
8) Nitrobenzene-d5	8.859	82	12675	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	33466	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3646	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	51695	0.27	ng	0.00
27) Fluoranthene-d10	19.124	212	125826	0.36	ng	0.00
31) Terphenyl-d14	19.730	244	103347	0.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	53216	7.52	ng	# 100
3) n-Nitrosodimethylamine	3.583	42	422	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.143	93	2554	0.05	ng	98
20) 4,6-Dinitro-2-methylph...	15.514	198	8	0.09	ng	# 1
24) Pentachlorophenol	16.788	266	26	0.28	ng	# 57
25) Phenanthrene	17.129	178	5708	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	24057	0.20	ng	99

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

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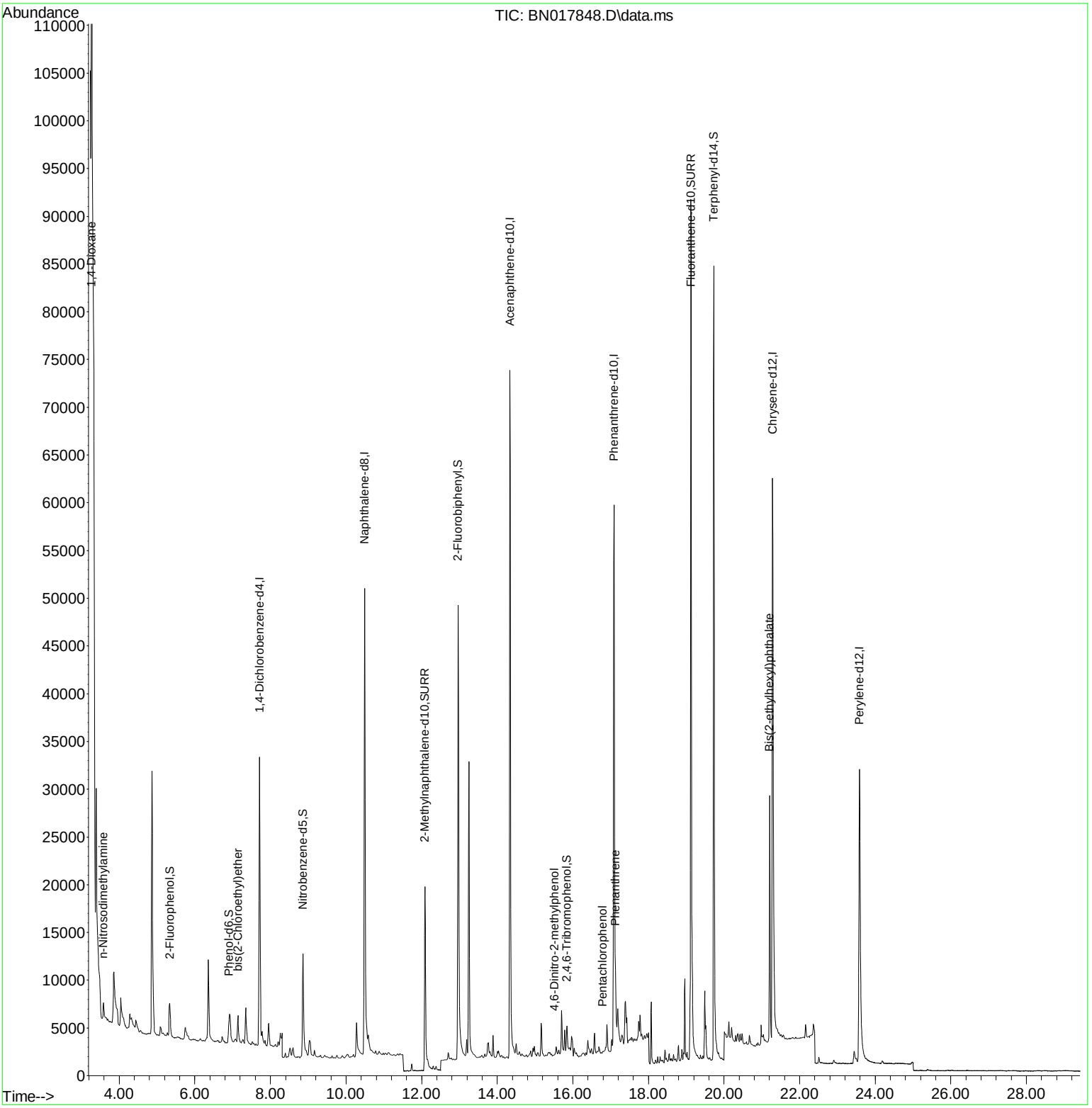
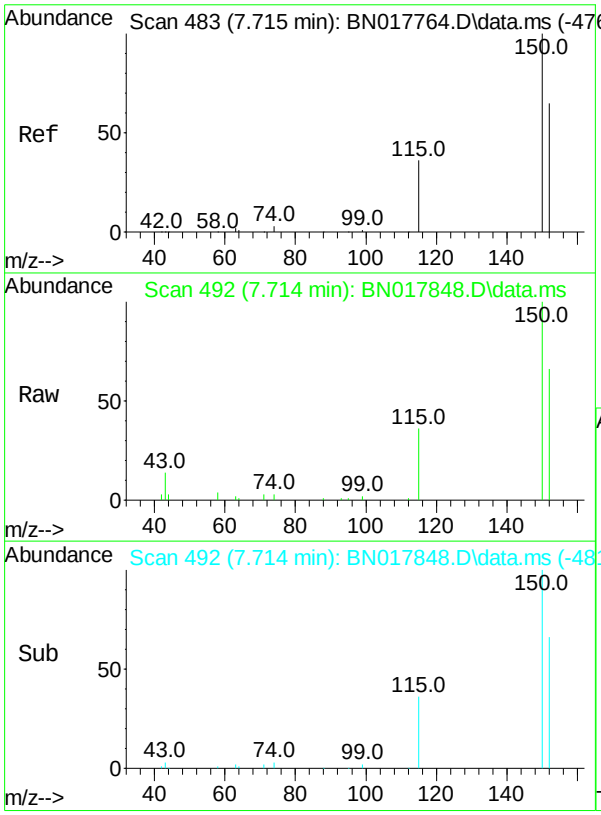
RE115D1-20211130

Quant Time: Dec 10 06:50:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration



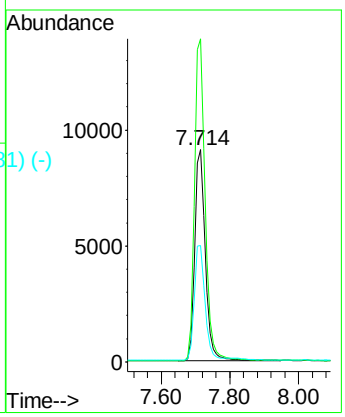


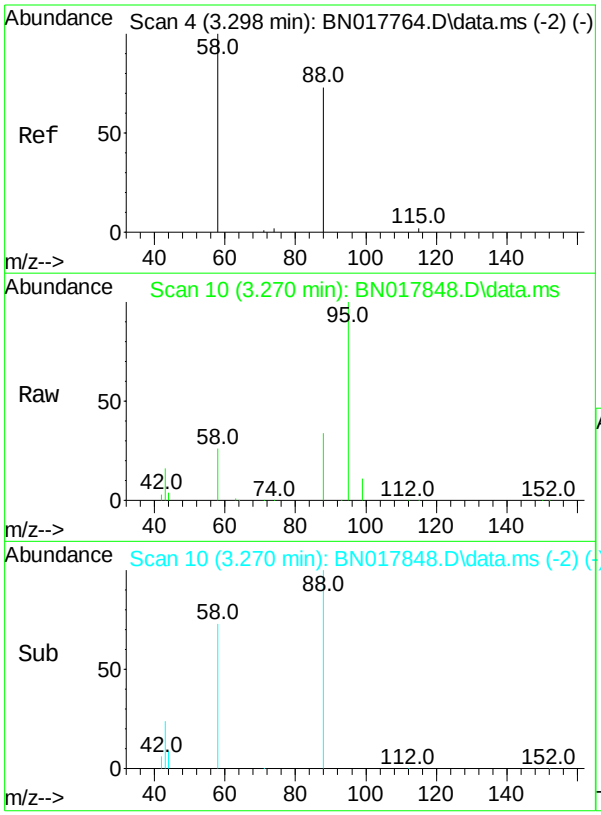
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.714 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:152 Resp: 19232

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.4
115	54.9	45.3	67.9

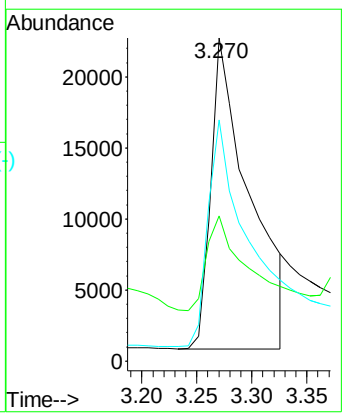


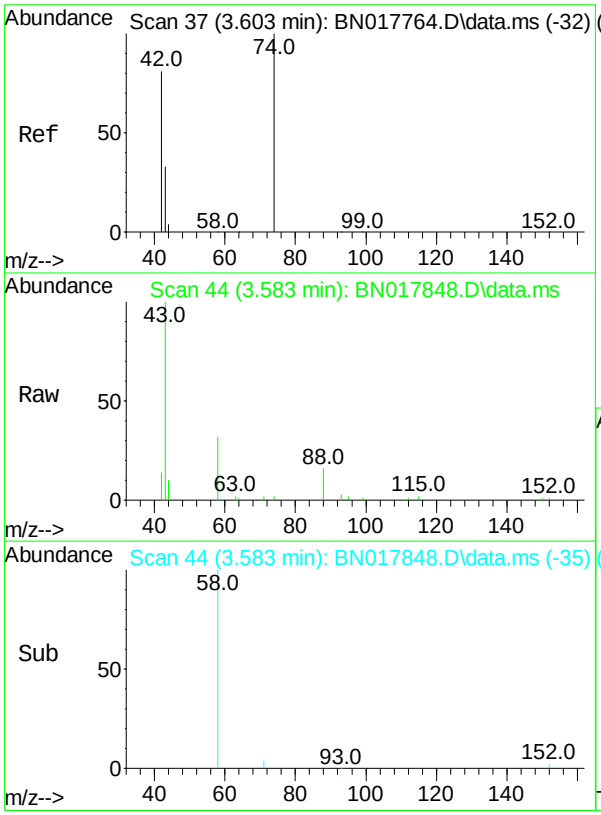


#2
1,4-Dioxane
Concen: 7.52 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion: 88 Resp: 53216

Ion	Ratio	Lower	Upper
88	100		
43	30.5	0.0	0.0#
58	73.9	0.0	0.0#



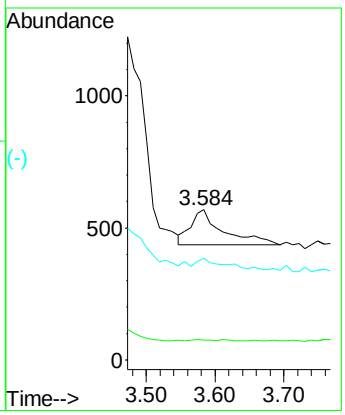


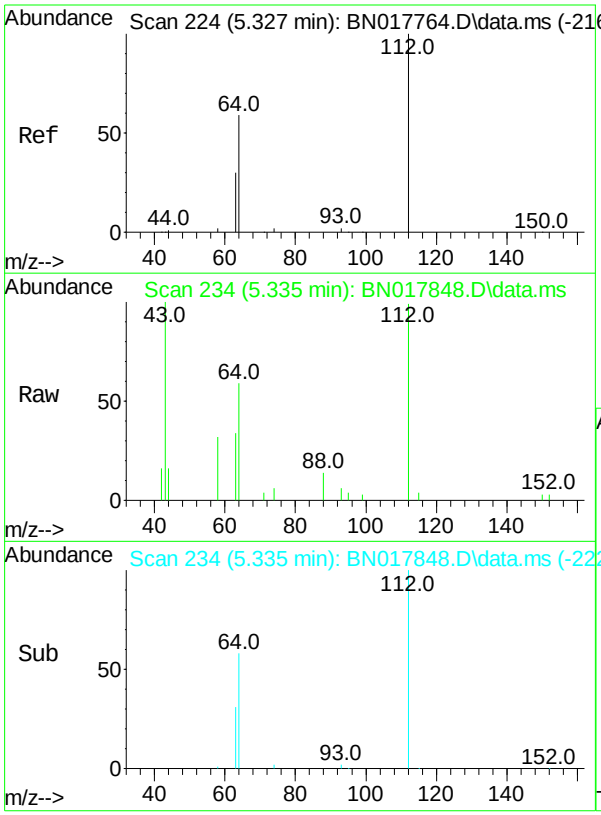
#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.583 min Scan# 4
Delta R.T. -0.019 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion: 42 Resp: 422

Ion	Ratio	Lower	Upper
42	100		
74	0.9	101.3	151.9#
44	28.0	5.0	7.4#

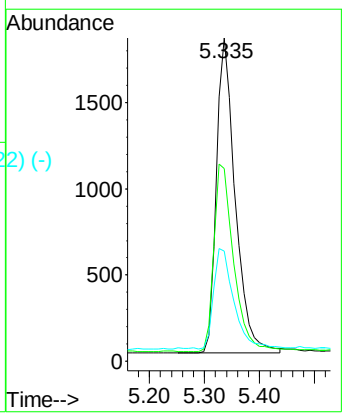


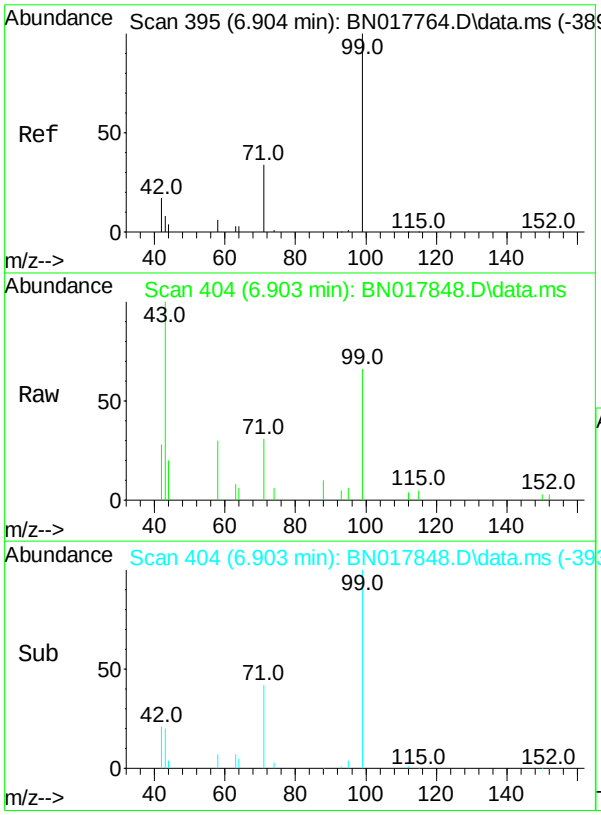


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.335 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:112 Resp: 4386

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.3	73.9
63	33.7	25.8	38.8



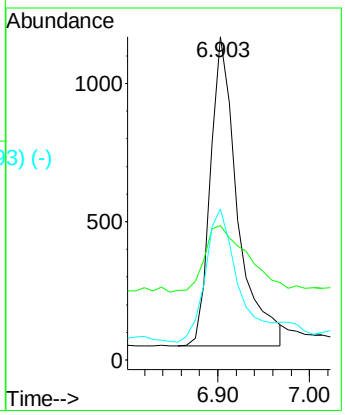


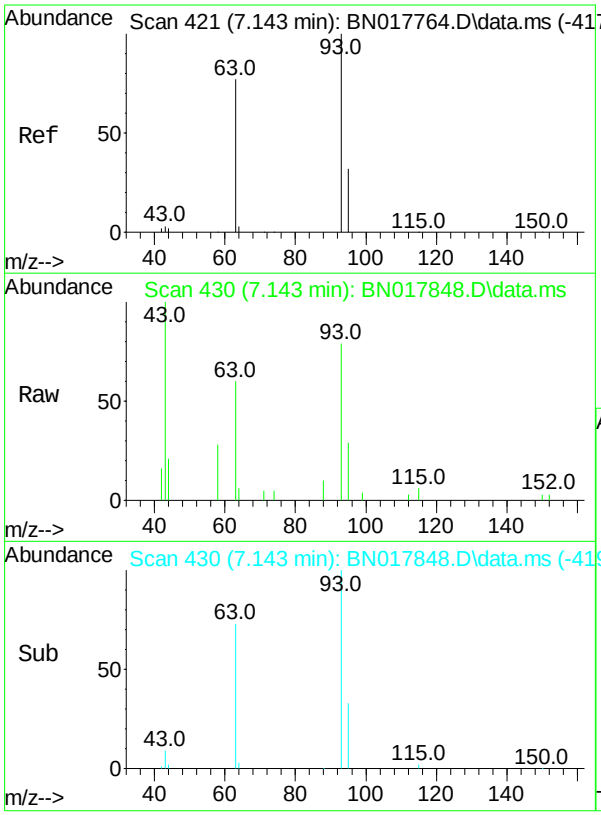
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.903 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion: 99 Resp: 2305

Ion	Ratio	Lower	Upper
99	100		
42	33.8	16.6	25.0#
71	51.2	29.0	43.4#

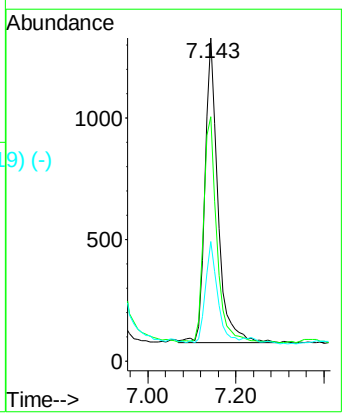


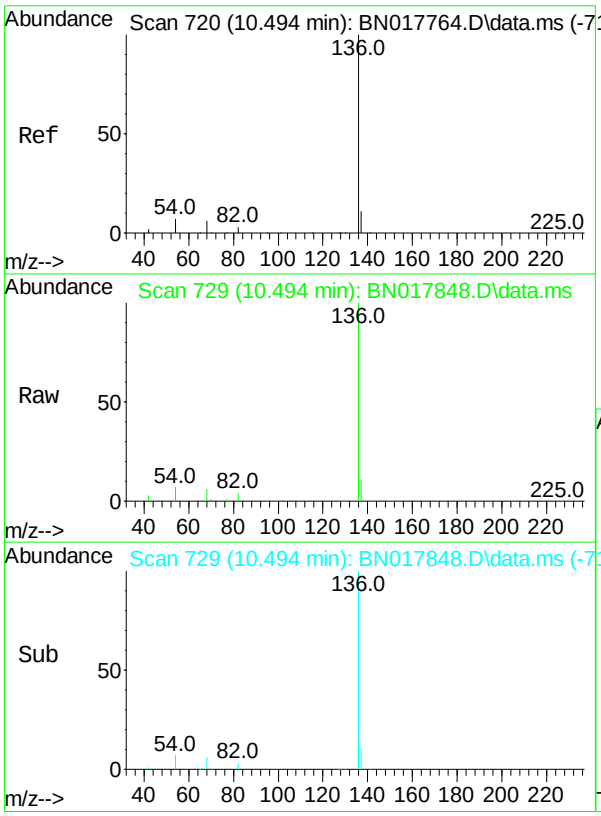


#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion: 93 Resp: 2554

Ion	Ratio	Lower	Upper
93	100		
63	76.0	62.0	93.0
95	30.8	26.4	39.6



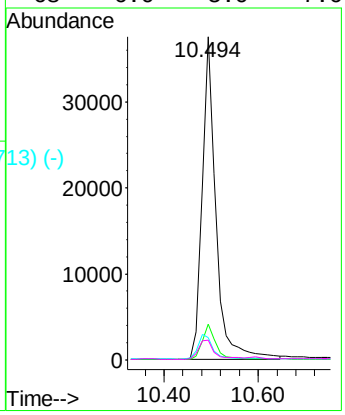


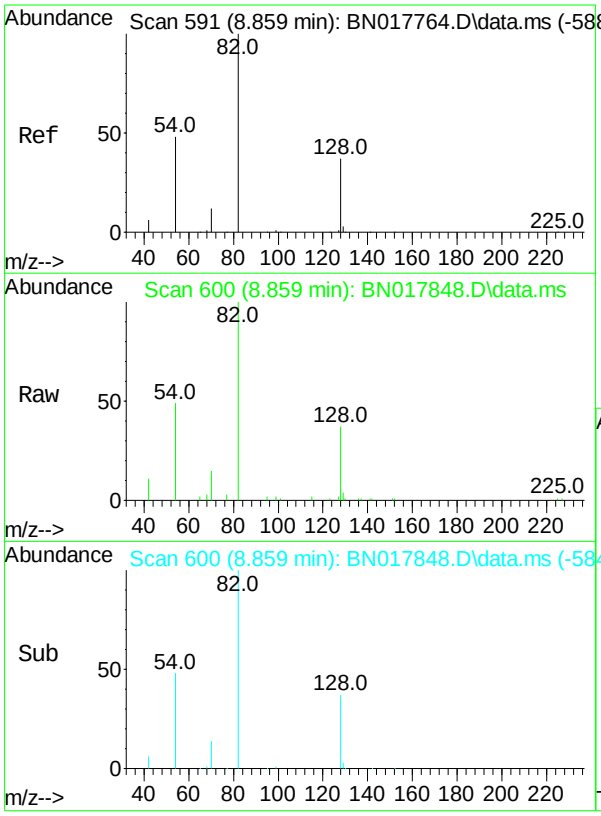
#7 (-)
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:136 Resp: 76194

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.9	8.9
68	6.0	5.0	7.6

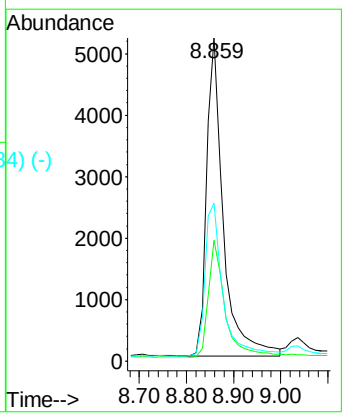


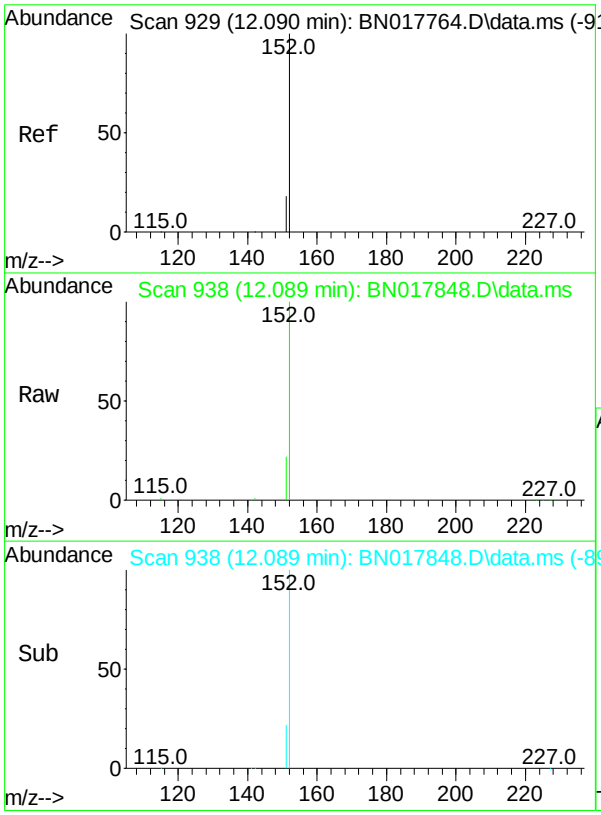


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion: 82 Resp: 12675

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.2	45.2
54	49.0	39.0	58.6



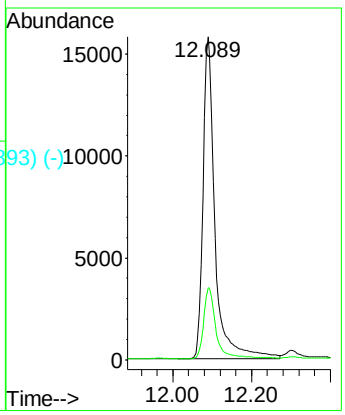


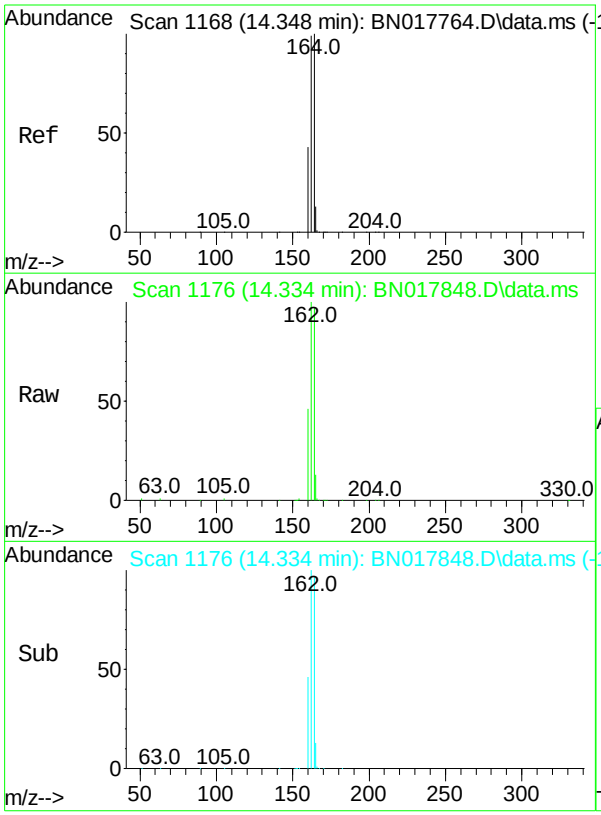
#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.089 min Scan# 9
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:152 Resp: 33466

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.4	24.6

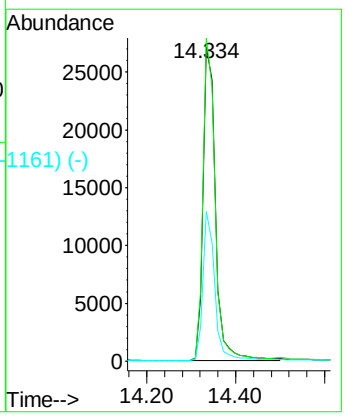


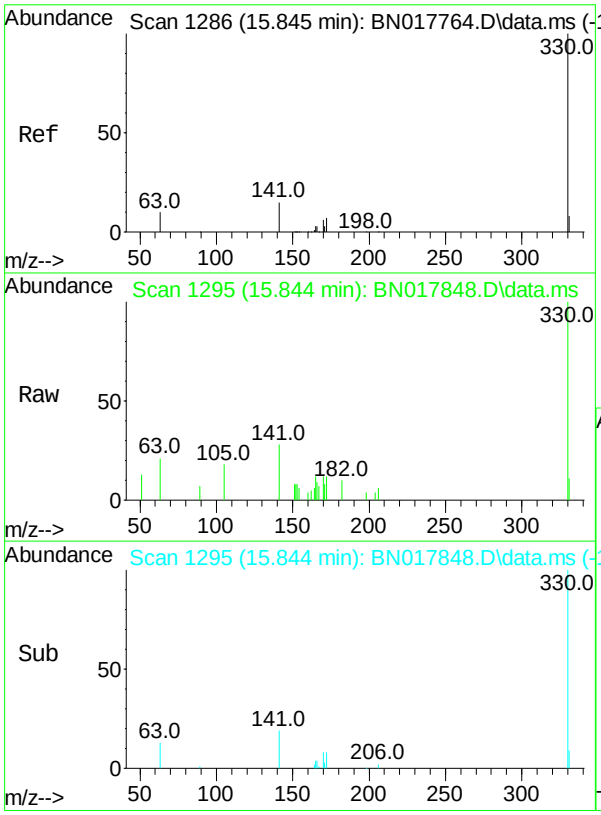


#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.013 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:164 Resp: 51867

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.0	118.6
160	47.6	34.6	52.0



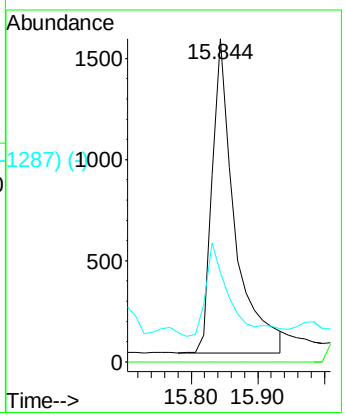


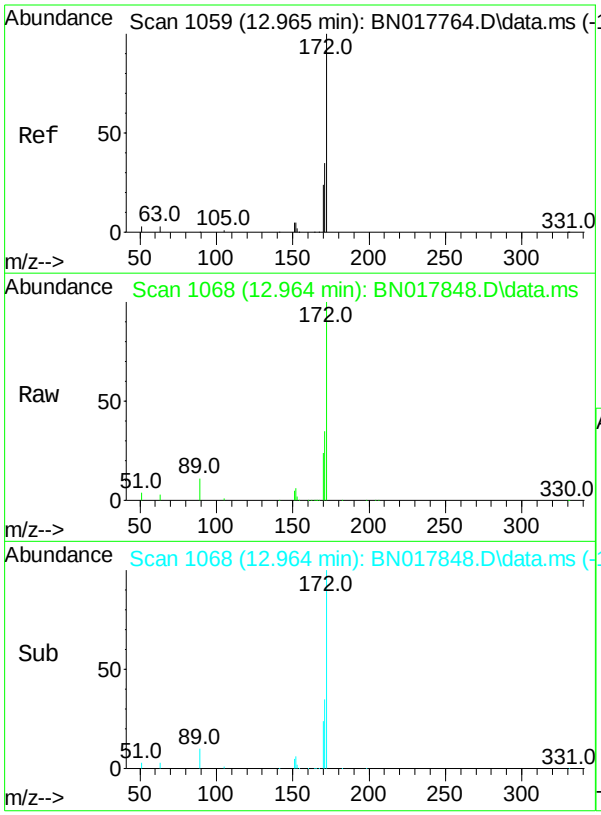
#11
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.844 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:330 Resp: 3646

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.3	21.5	32.3

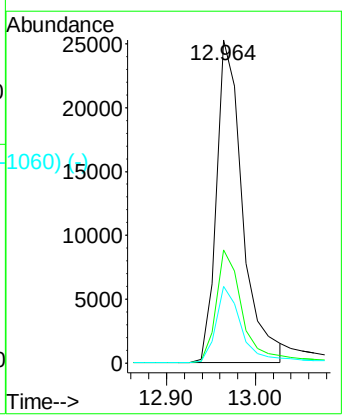


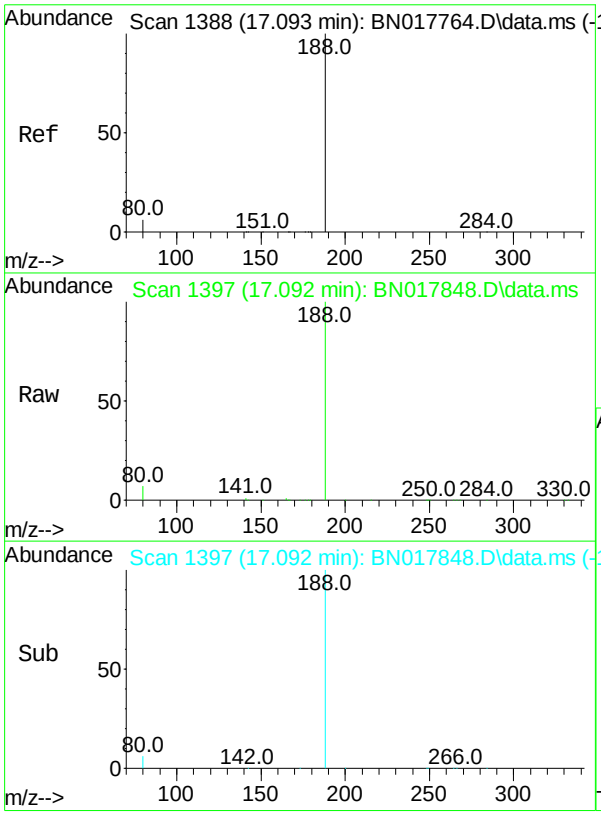


#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:172 Resp: 51695

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.7	18.9	28.3



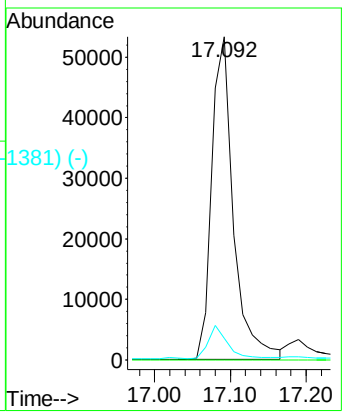


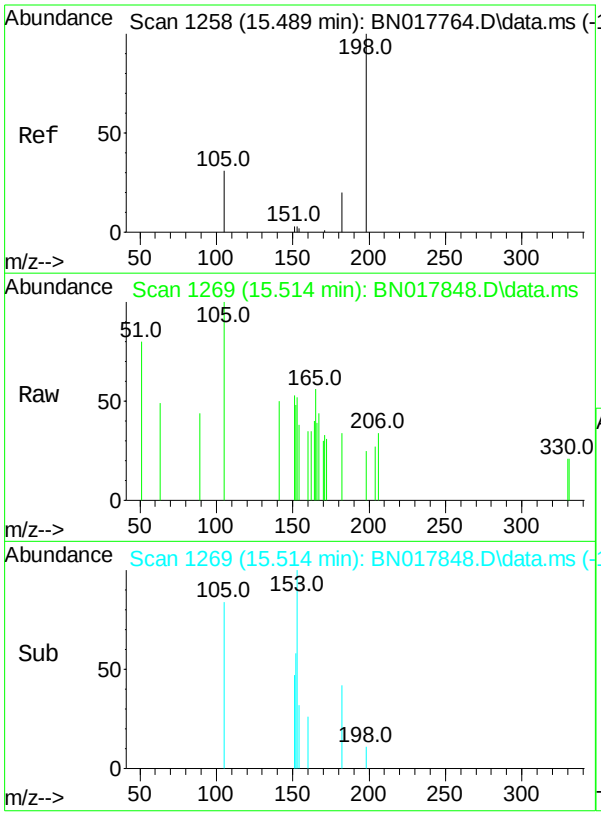
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:188 Resp: 105210

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.1	7.7

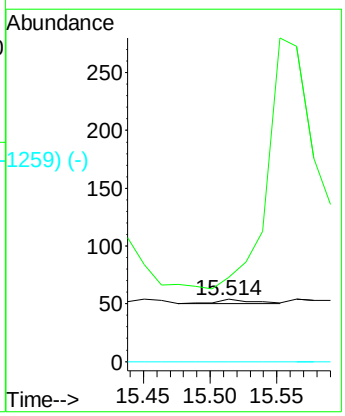


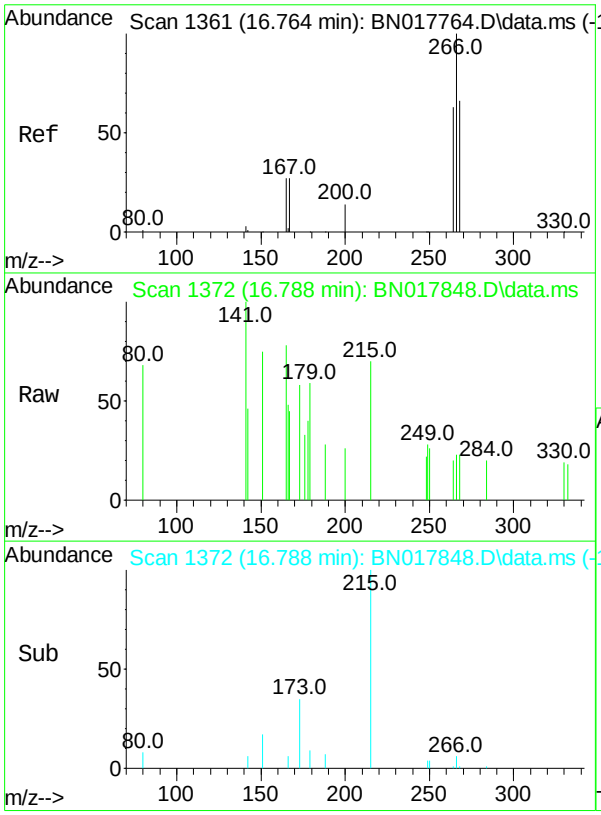


#20
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.514 min Scan# 1269
Delta R.T. 0.025 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
182	135.2	44.2	66.2#
77	0.0	0.0	0.0



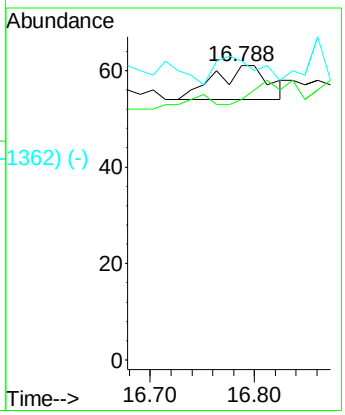


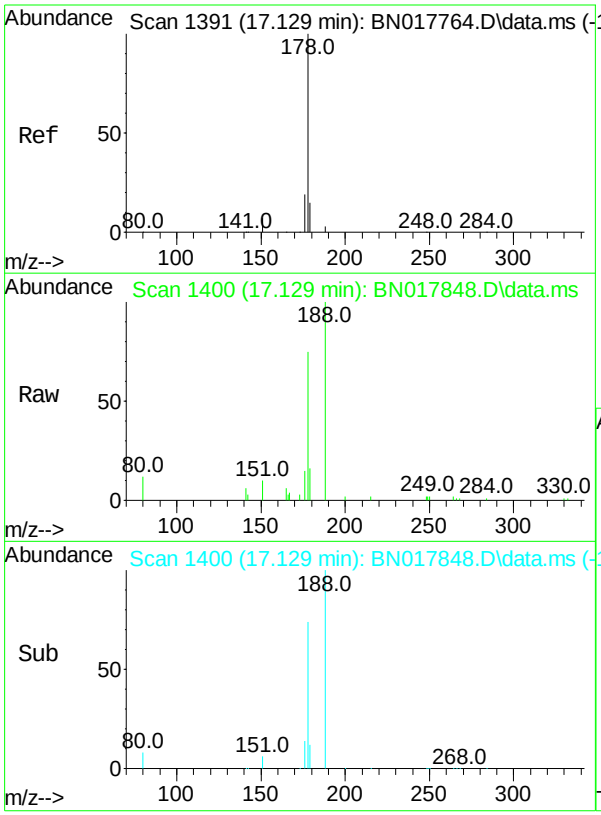
#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.788 min Scan# 1
Delta R.T. 0.024 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.8	76.2#
268	69.2	51.8	77.6

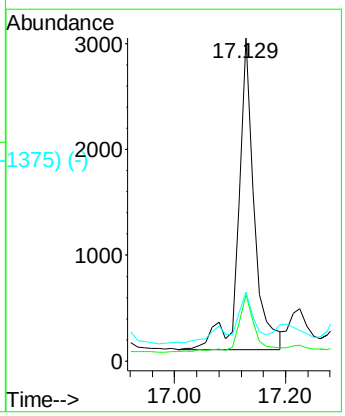


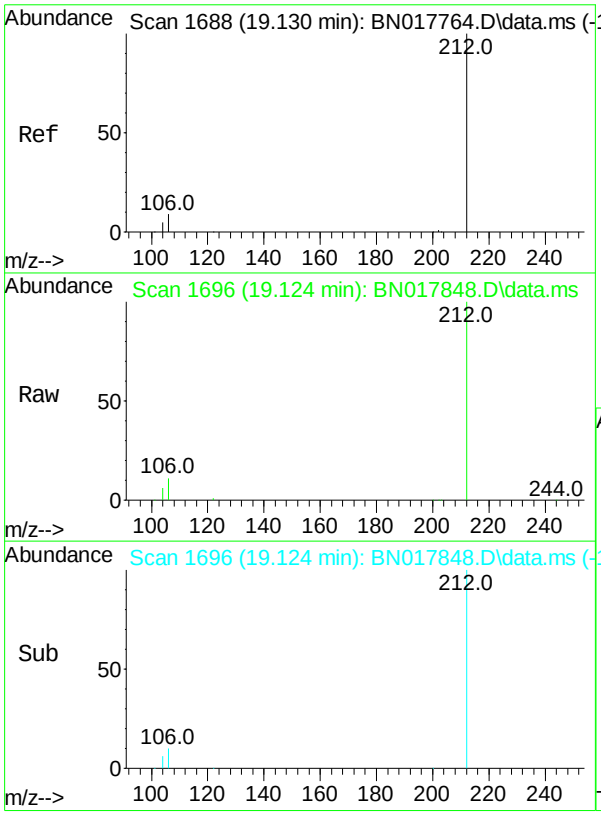


#25
Phenanthrene
Concen: 0.02 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:178 Resp: 5708

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.6
179	12.1	12.5	18.7#



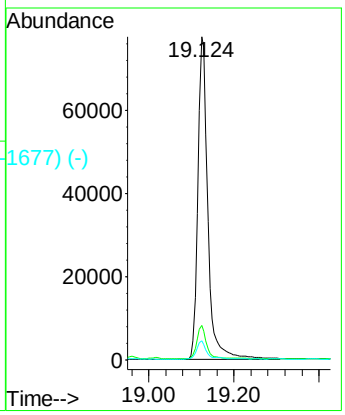


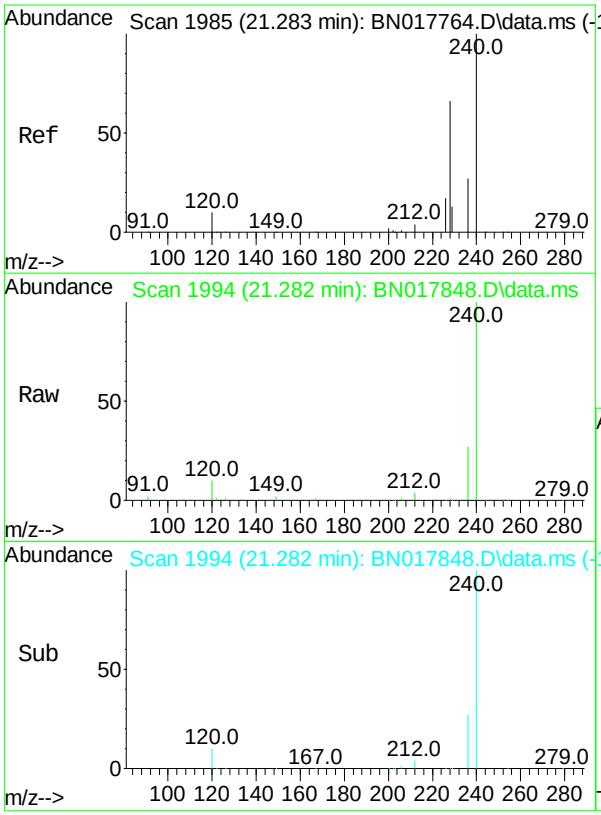
#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:212 Resp: 125826

Ion	Ratio	Lower	Upper
212	100		
106	9.7	8.2	12.2
104	5.8	4.6	6.8

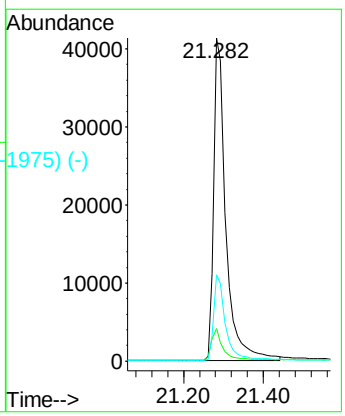


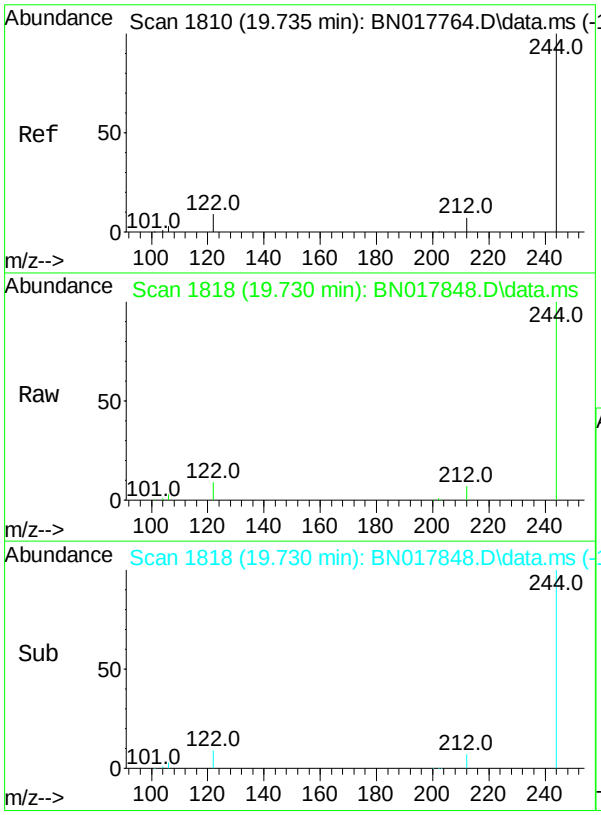


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:240 Resp: 88046

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.9	11.9
236	26.8	21.4	32.2



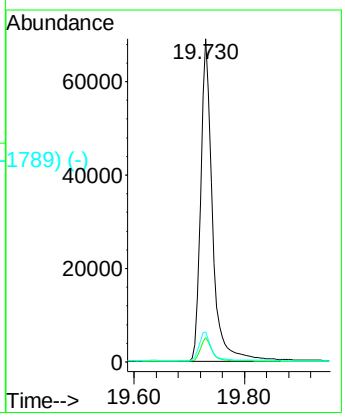


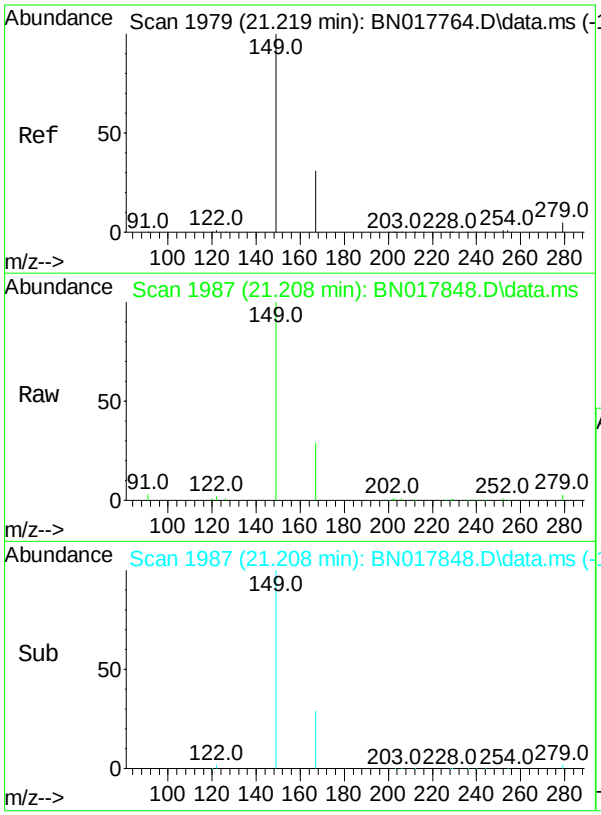
#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.730 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:244 Resp: 103347

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.2	7.1	10.7

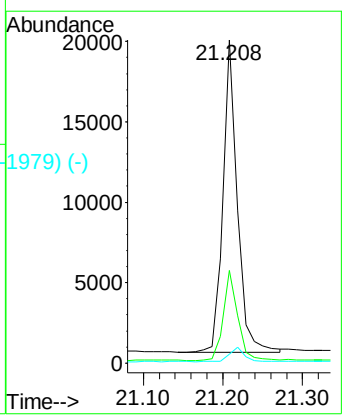


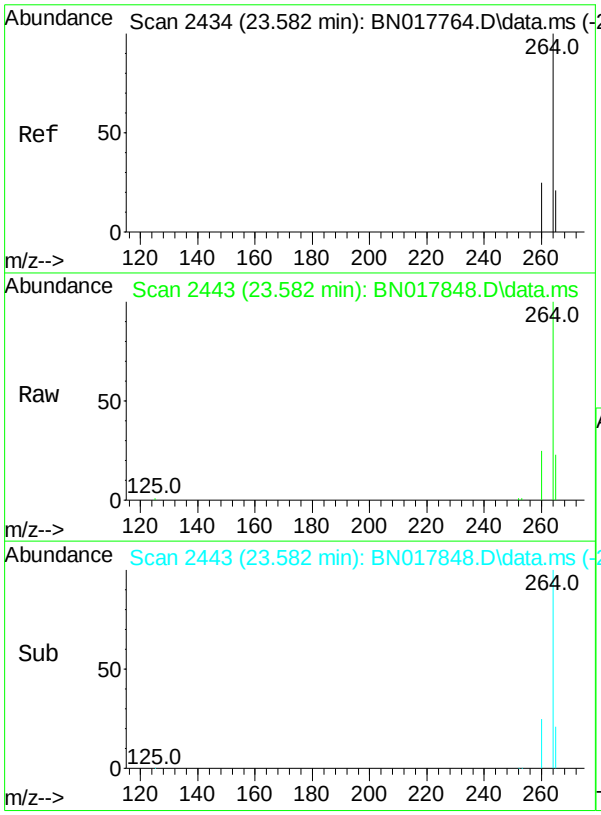


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:149 Resp: 24057

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.5	35.3
279	4.7	3.8	5.6





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.582 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion:264 Resp: 58644

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	23.2	20.5	30.7