Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017842.D
Acq On : 09 Dec 2021 19:42
Operator : CG/JU
Sample : M4924-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Quant Time: Dec 10 06:48:59 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	7.715	152	19712	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	79224	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	51706	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	102847	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	90546	0.40	ng	# 0.01
35) Perylene-d12	23.592	264	62836	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5796	0.12	ng	0.00
5) Phenol-d6	6.903	99	2907	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	13804	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	37768	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	2300	0.09	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	56189	0.30	ng	0.01
27) Fluoranthene-d10	19.129	212	129958	0.38	ng	0.00
31) Terphenyl-d14	19.735	244	106893	0.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	1448	0.20	ng	# 100
3) n-Nitrosodimethylamine	3.538	42	510	0.03	ng	# 1
9) Naphthalene	10.545	128	6366	0.03	ng	# 95
12) 2-Methylnaphthalene	12.165	142	4326	0.03	ng	97
20) 4,6-Dinitro-2-methylph...	15.464	198	4	0.08	ng	# 1
24) Pentachlorophenol	16.727	266	9	0.28	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.219	149	30215	0.24	ng	100

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

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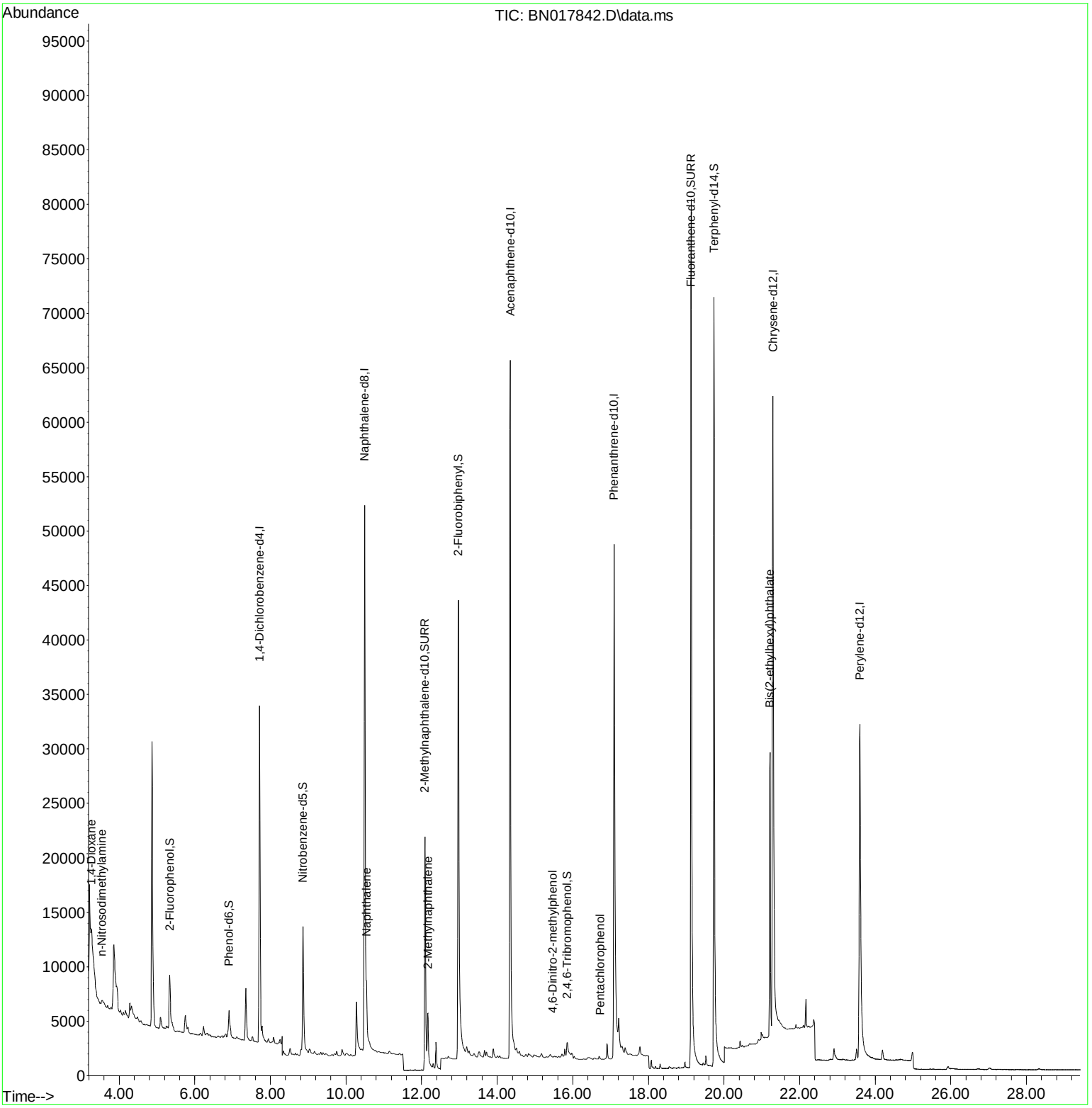
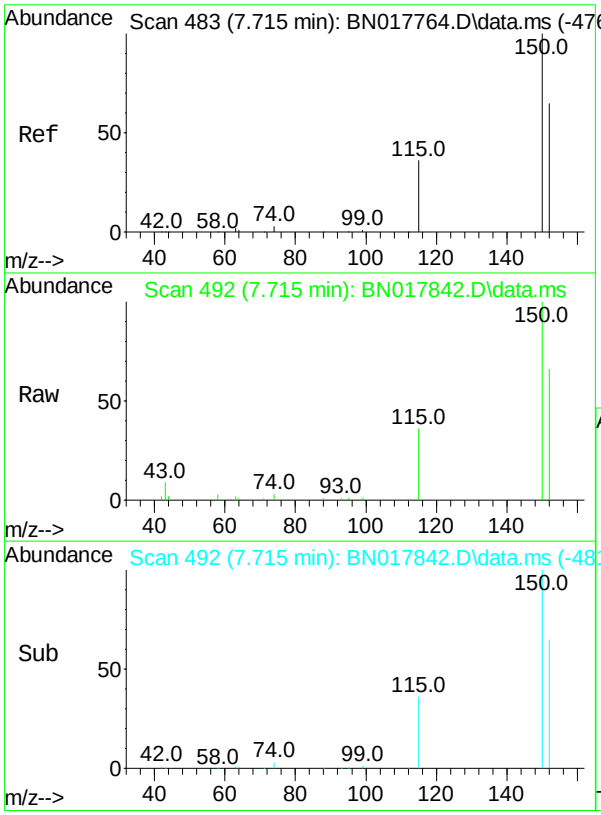


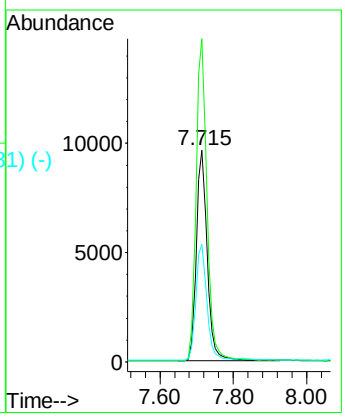


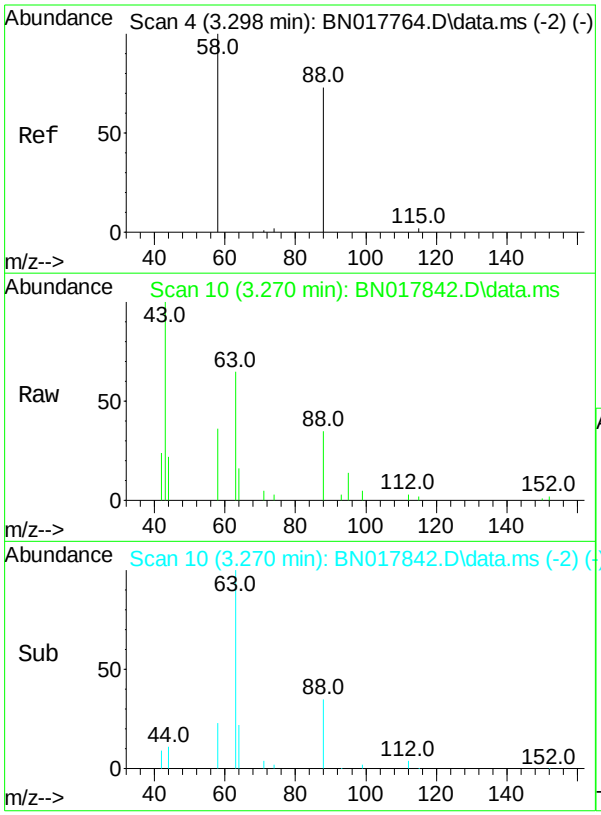
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:152 Resp: 19712

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.0	184.4
115	55.6	45.3	67.9

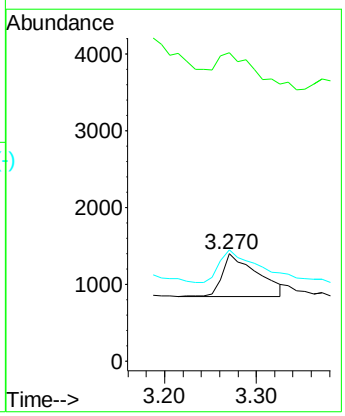


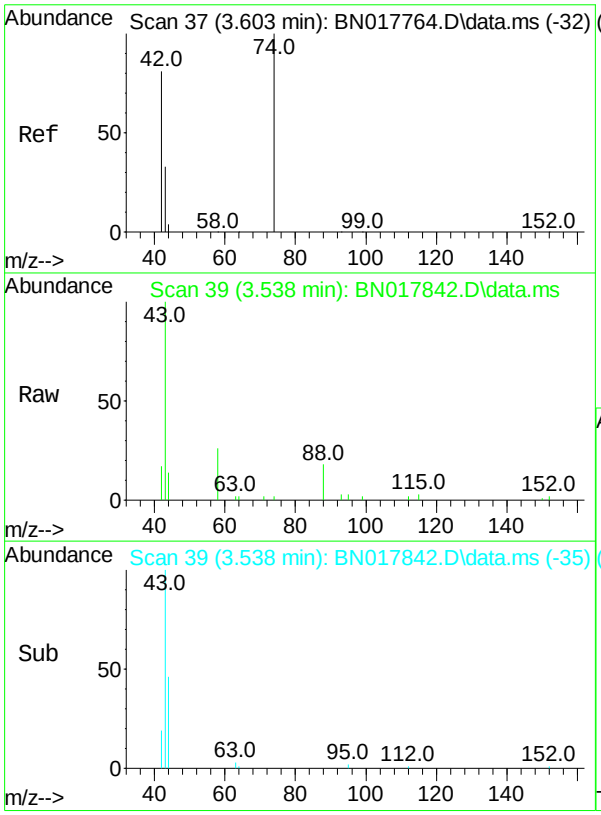


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion: 88 Resp: 1448

Ion	Ratio	Lower	Upper
88	100		
43	64.8	0.0	0.0#
58	79.8	0.0	0.0#



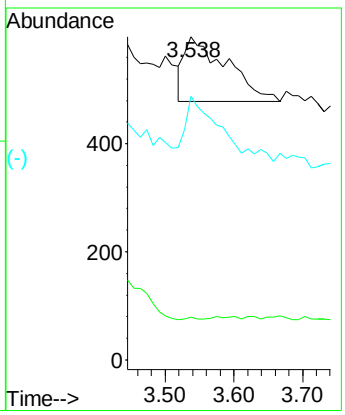


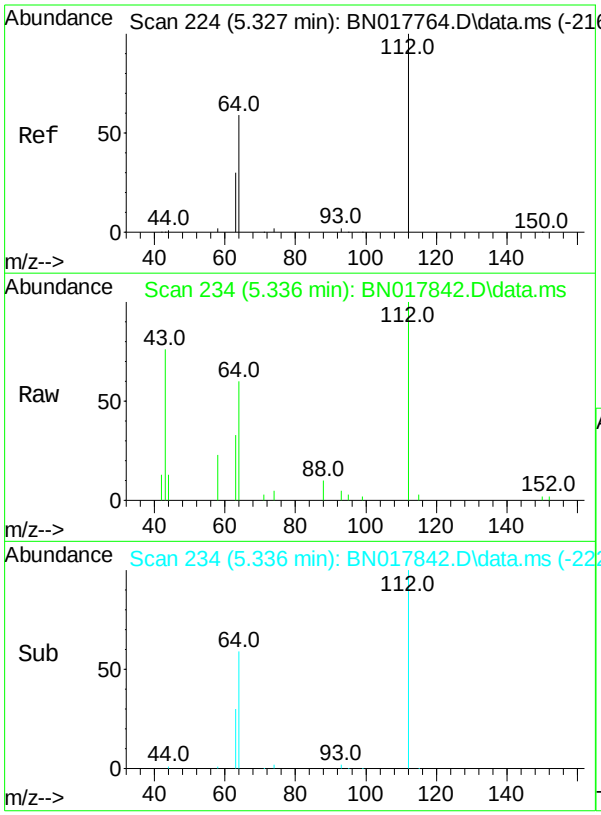
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.538 min Scan# 1
Delta R.T. -0.065 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion: 42 Resp: 510

Ion	Ratio	Lower	Upper
42	100		
74	0.6	101.3	151.9#
44	82.0	5.0	7.4#

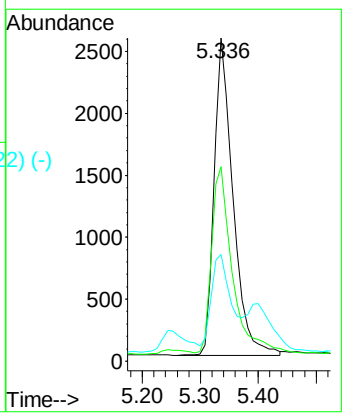


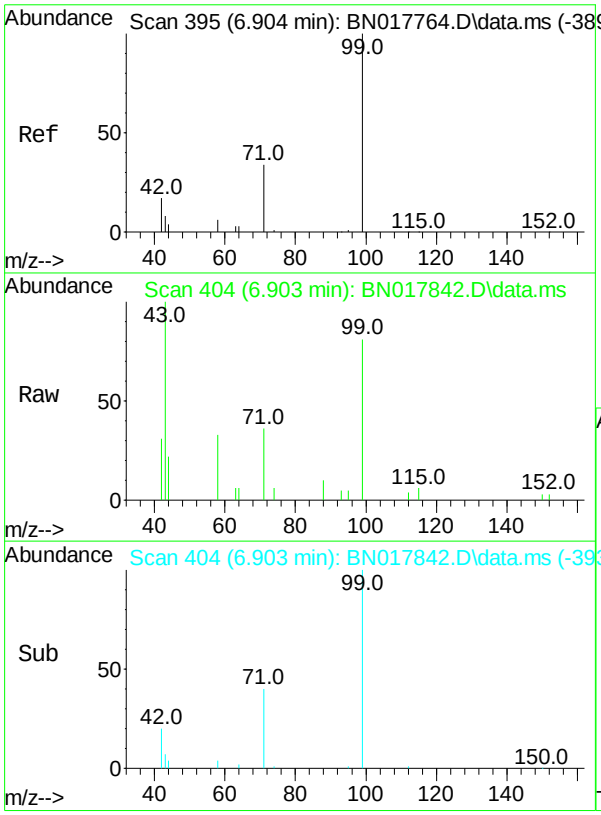


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:112 Resp: 5796

Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.3	73.9
63	30.0	25.8	38.8



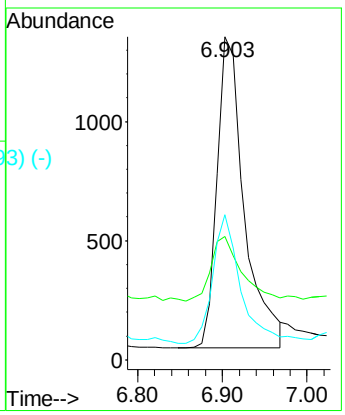


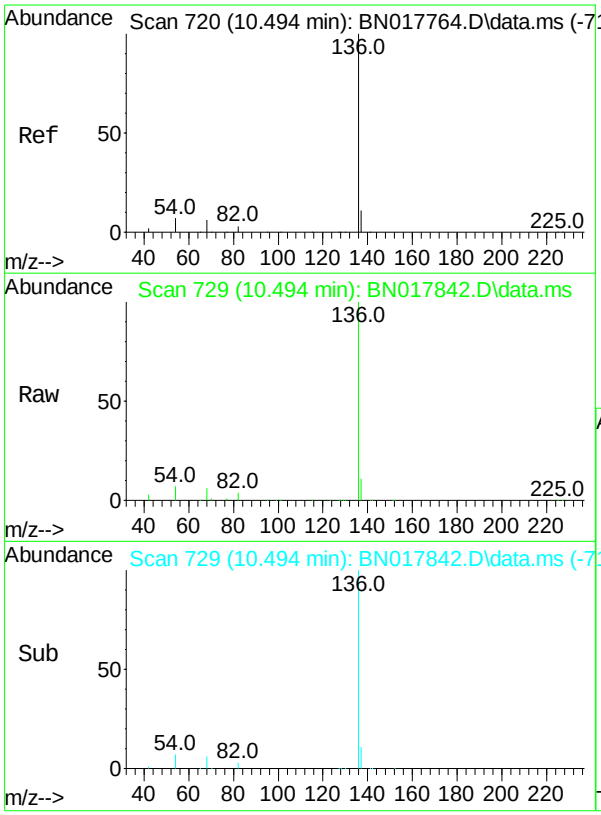
#5
Phenol-d6
Concen: 0.06 ng
RT: 6.903 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion: 99 Resp: 2907

Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	25.0
71	41.4	29.0	43.4

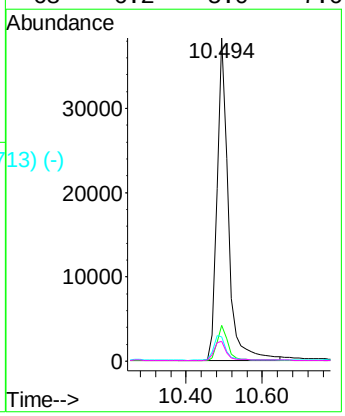


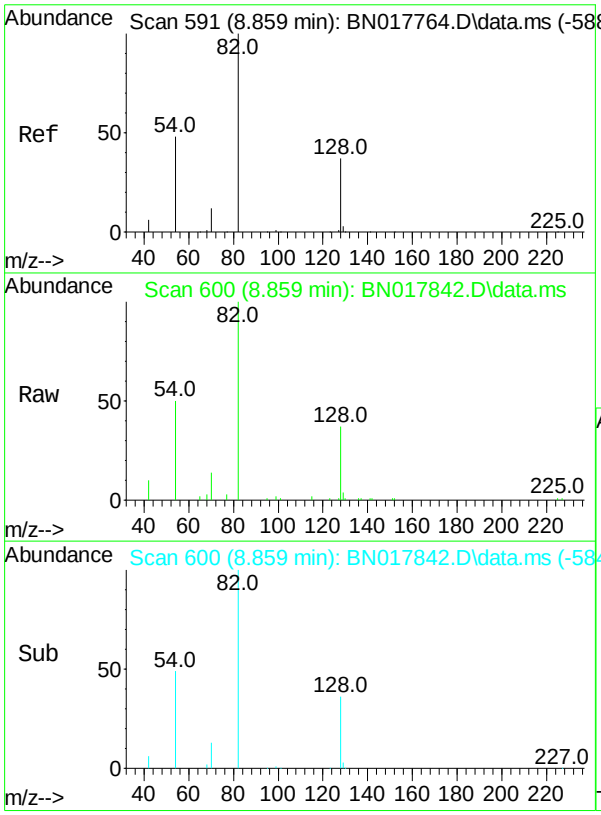


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:136 Resp: 79224

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	5.9	8.9
68	6.2	5.0	7.6



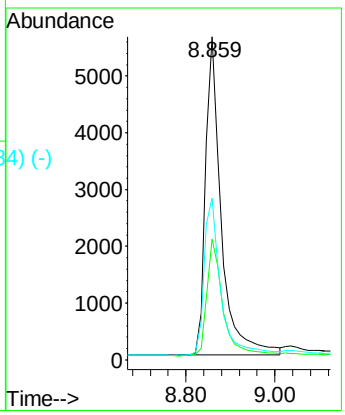


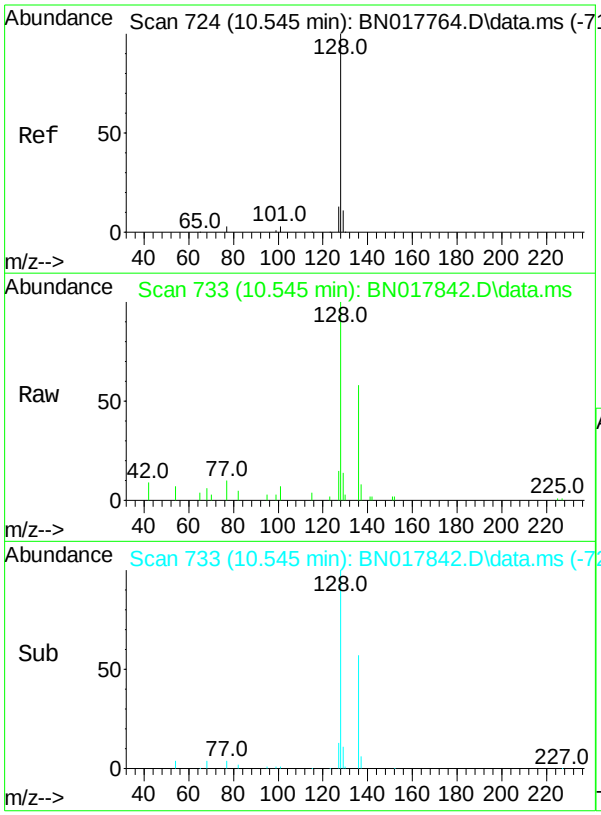
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.859 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion: 82 Resp: 13804

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.2	45.2
54	50.1	39.0	58.6

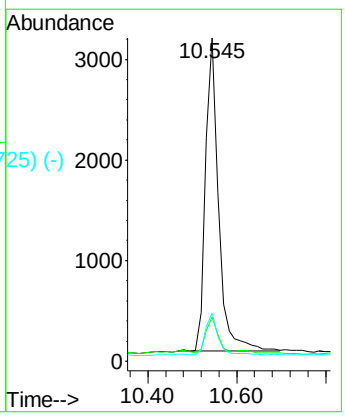


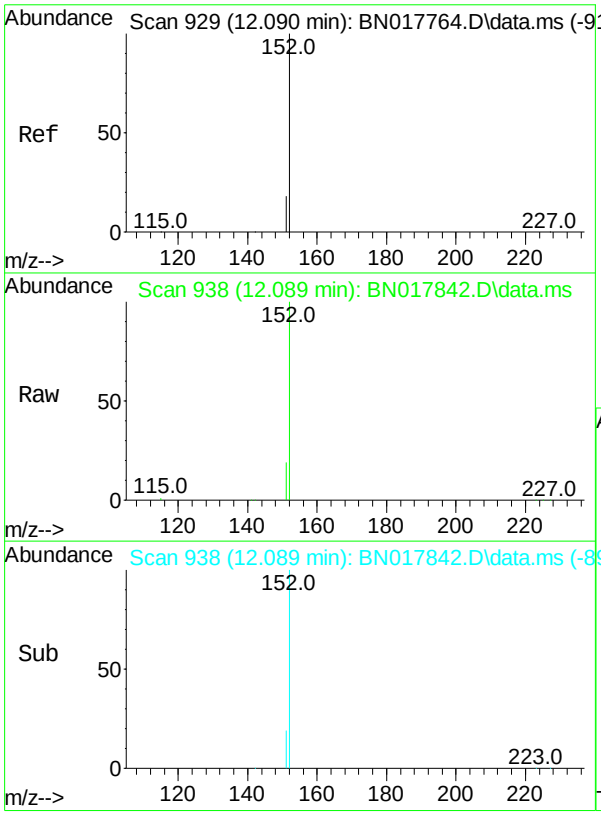


#9
Naphthalene
Concen: 0.03 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:128 Resp: 6366

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.8	13.2#
127	14.8	10.6	15.8



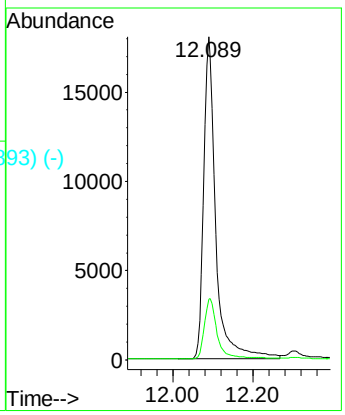


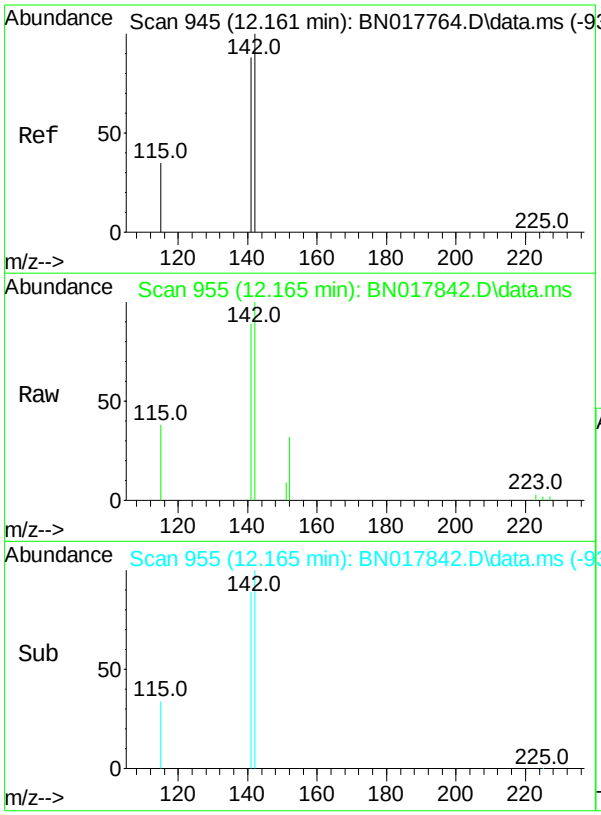
#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.089 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:152 Resp: 37768

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

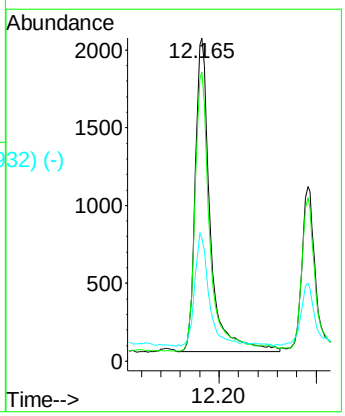


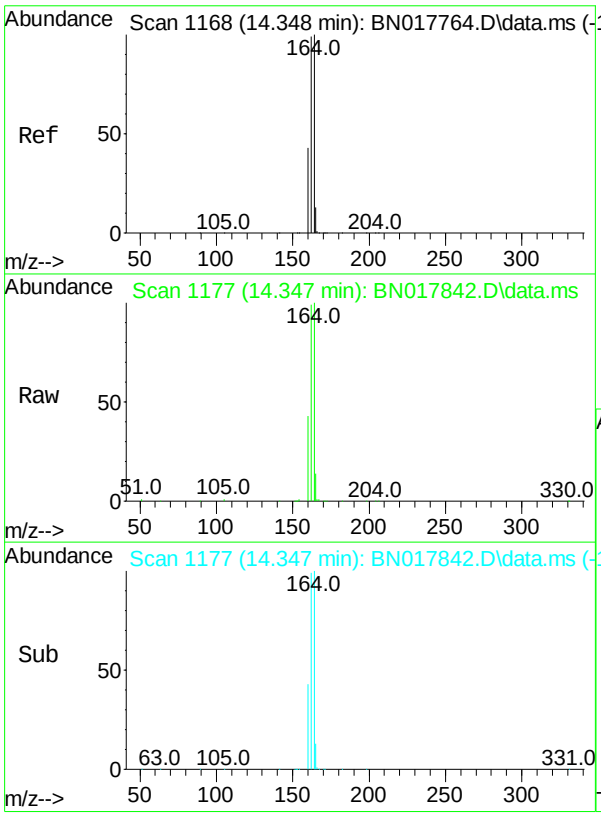


#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.165 min Scan# 955
Delta R.T. 0.004 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:142 Resp: 4326

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.5	105.7
115	38.1	28.0	42.0



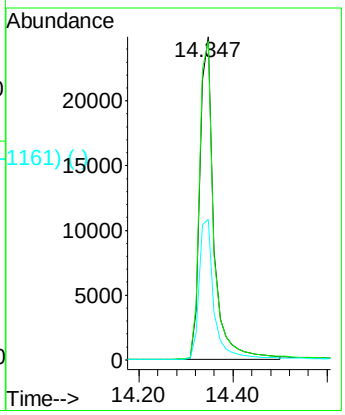


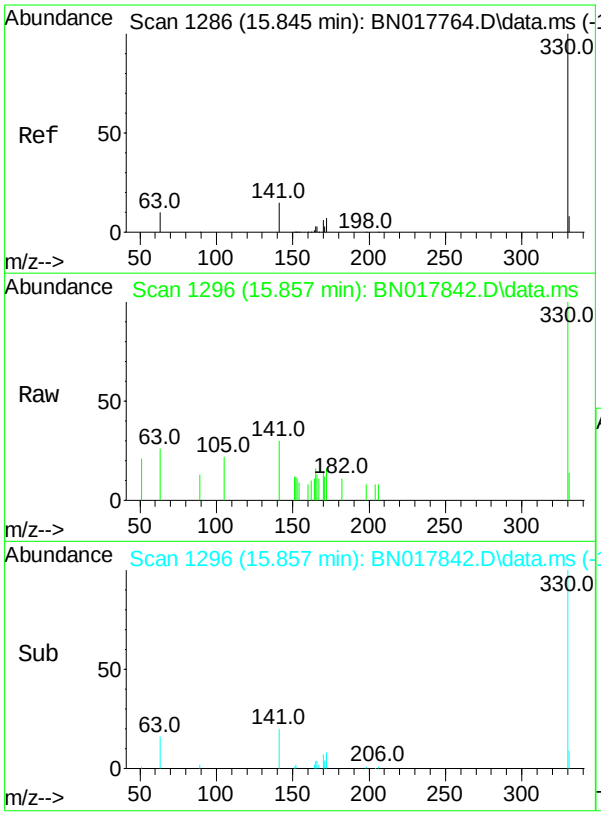
#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:164 Resp: 51706

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.0	118.6
160	43.5	34.6	52.0

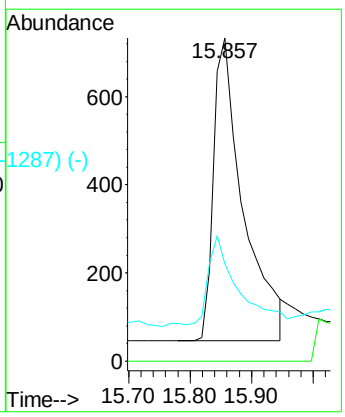


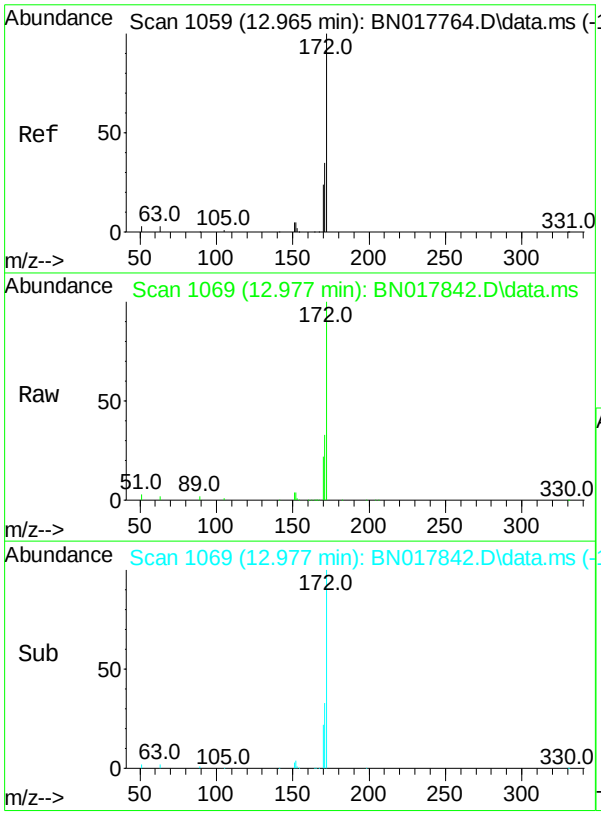


#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:330 Resp: 2300

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.3	21.5	32.3



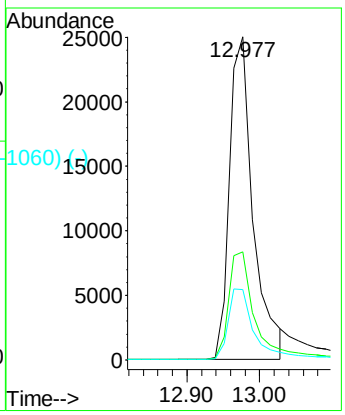


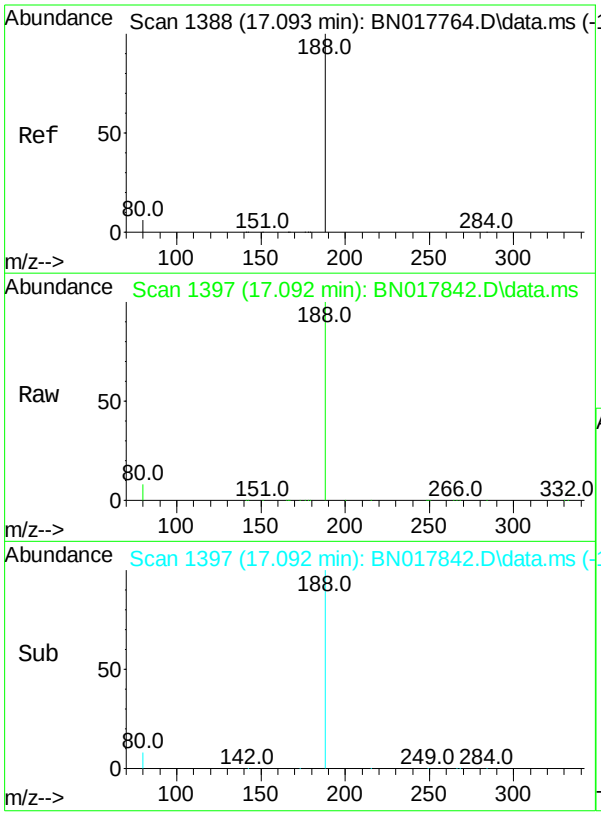
#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.977 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:172 Resp: 56189

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.1	42.1
170	21.8	18.9	28.3

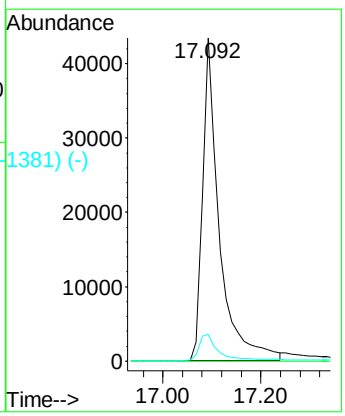


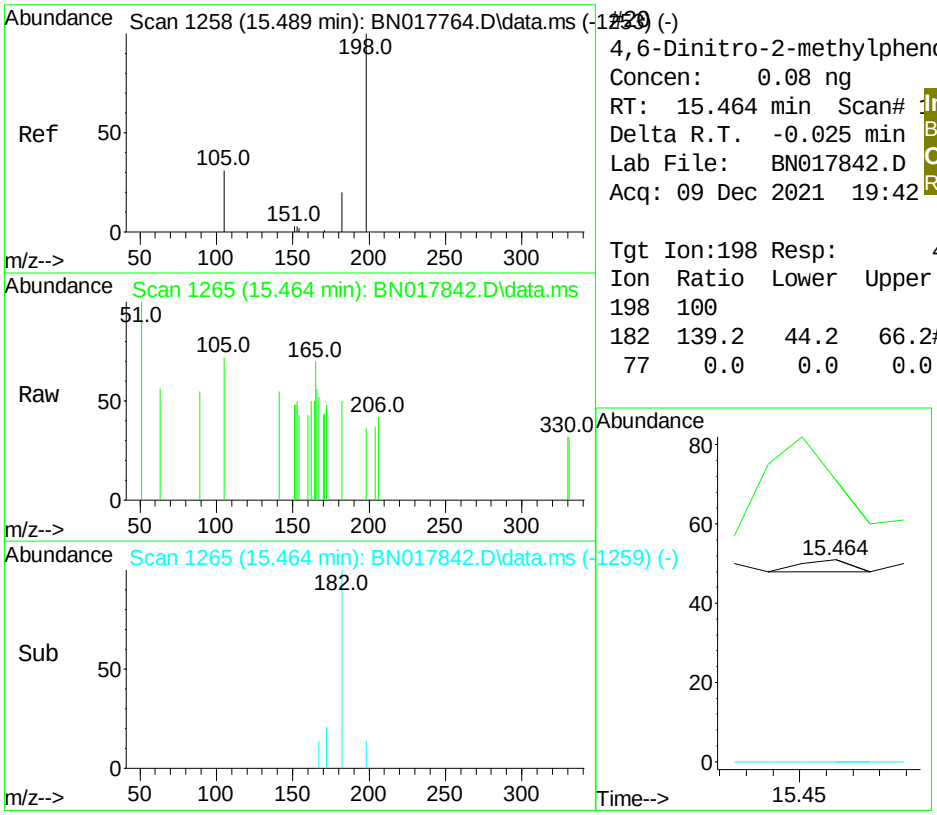


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:188 Resp: 102847

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	5.1	7.7#



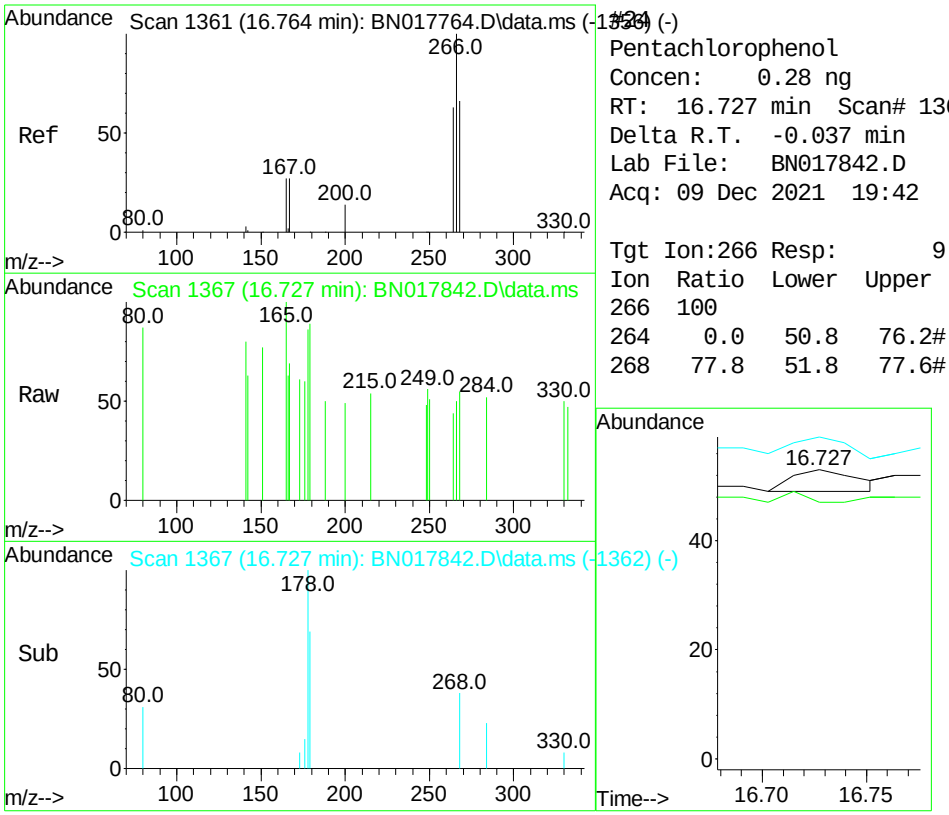


#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.464 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:198 Resp: 4

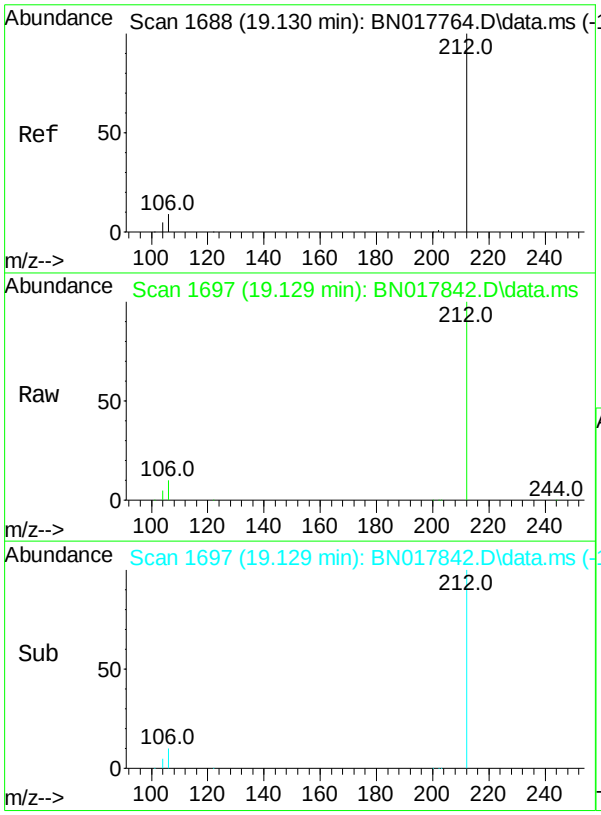
Ion	Ratio	Lower	Upper
198	100		
182	139.2	44.2	66.2#
77	0.0	0.0	0.0



#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.727 min Scan# 1367
Delta R.T. -0.037 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.8	76.2#
268	77.8	51.8	77.6#

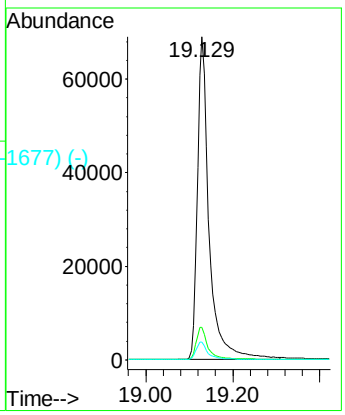


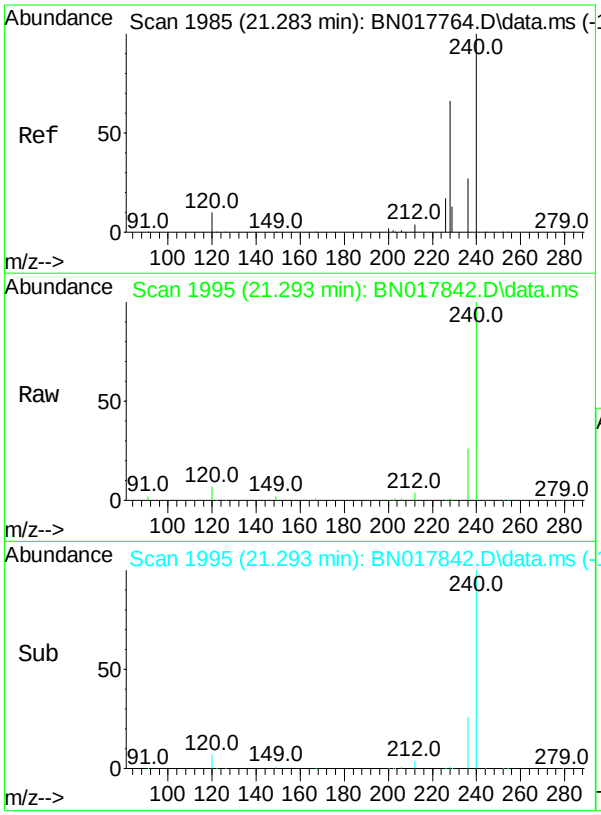
#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:212 Resp: 129958

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.5	4.6	6.8

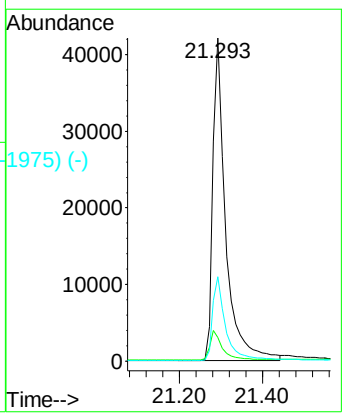


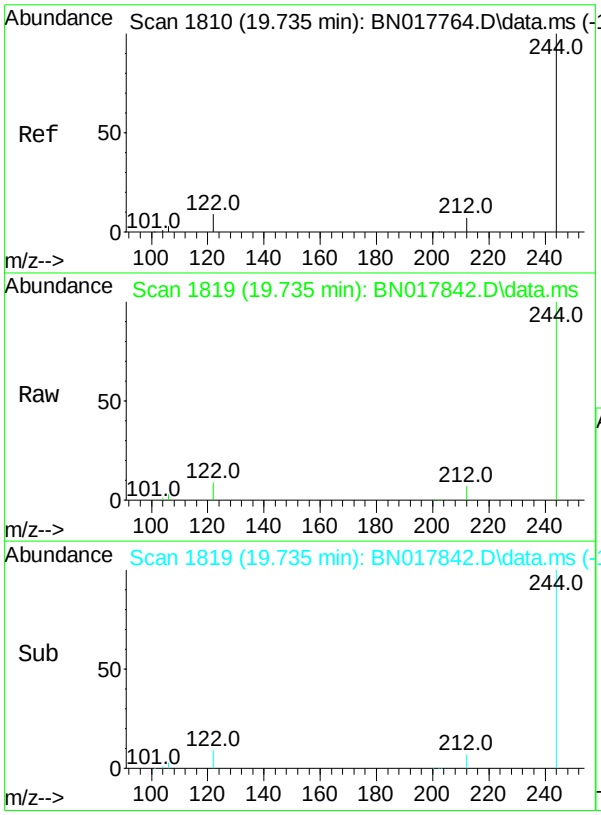


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:240 Resp: 90546

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.9	11.9#
236	26.2	21.4	32.2



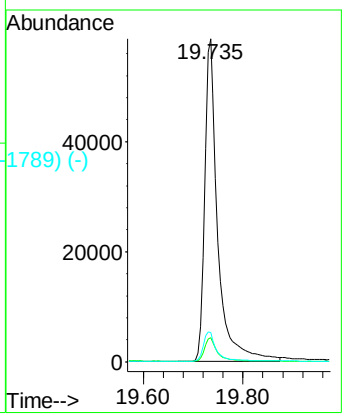


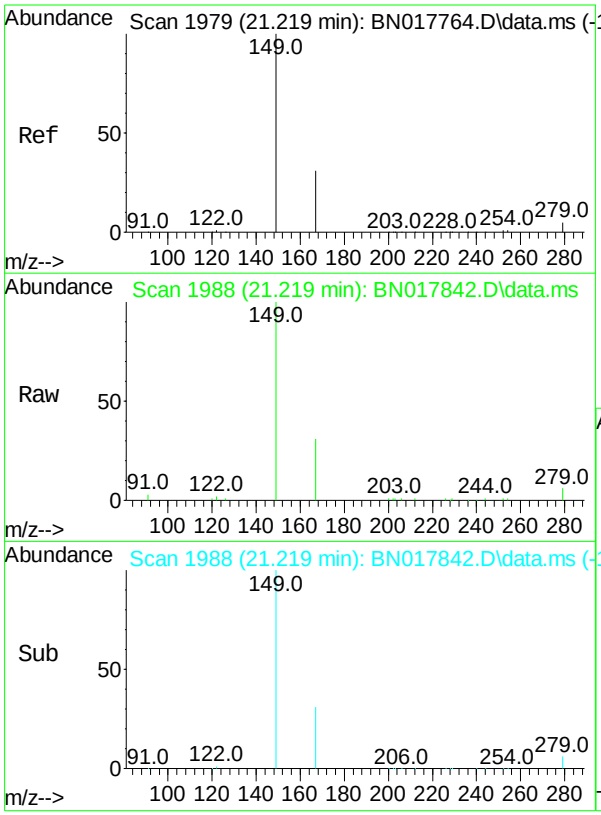
#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:244 Resp: 106893

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.0	7.1	10.7

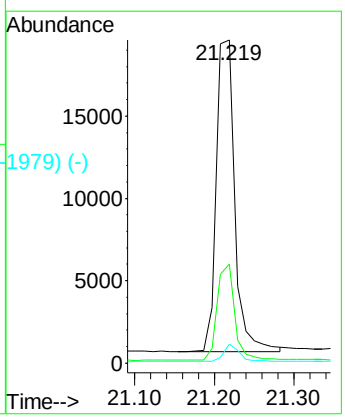


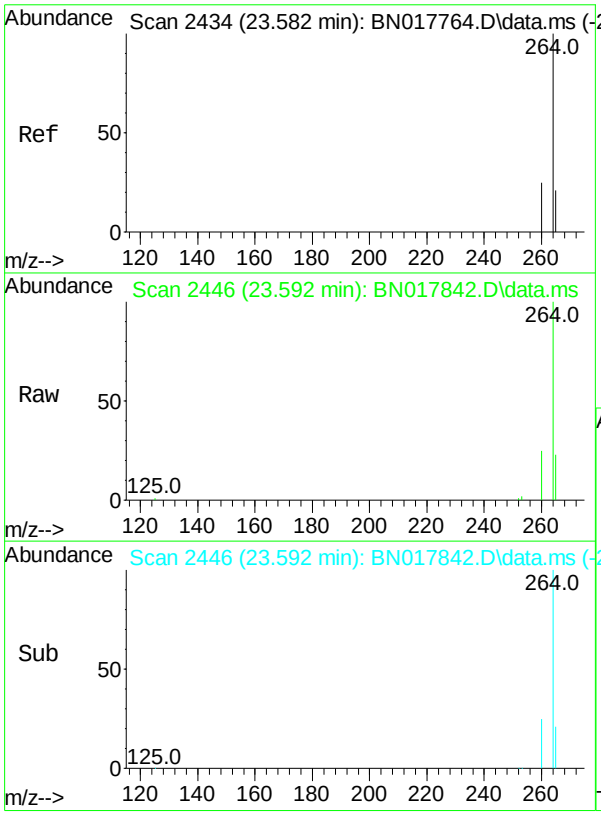


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:149 Resp: 30215

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.5	35.3
279	4.8	3.8	5.6





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.592 min Scan# 2
Delta R.T. 0.010 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

Tgt Ion:264 Resp: 62836

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	23.4	20.5	30.7