Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017827.D
Acq On : 09 Dec 2021 09:22
Operator : CG/JU
Sample : M4922-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Quant Time: Dec 10 01:52:45 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	20858	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	83694	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	58583	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	118631	0.40	ng	0.00
29) Chrysene-d12	21.293	240	103802	0.40	ng	# 0.00
35) Perylene-d12	23.589	264	77394	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	5624	0.11	ng	0.00
5) Phenol-d6	6.903	99	3099	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	15550	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	41506	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4699	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63413	0.30	ng	0.00
27) Fluoranthene-d10	19.129	212	137895	0.35	ng	0.00
31) Terphenyl-d14	19.730	244	110968	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	106026	13.81	ng	# 100
3) n-Nitrosodimethylamine	3.547	42	451	0.02	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.451	198	17	0.10	ng	# 1
24) Pentachlorophenol	16.727	266	9	0.28	ng	# 58
25) Phenanthrene	17.129	178	9402	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	13512	0.09	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017827.D
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
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RE131D1-20211130

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
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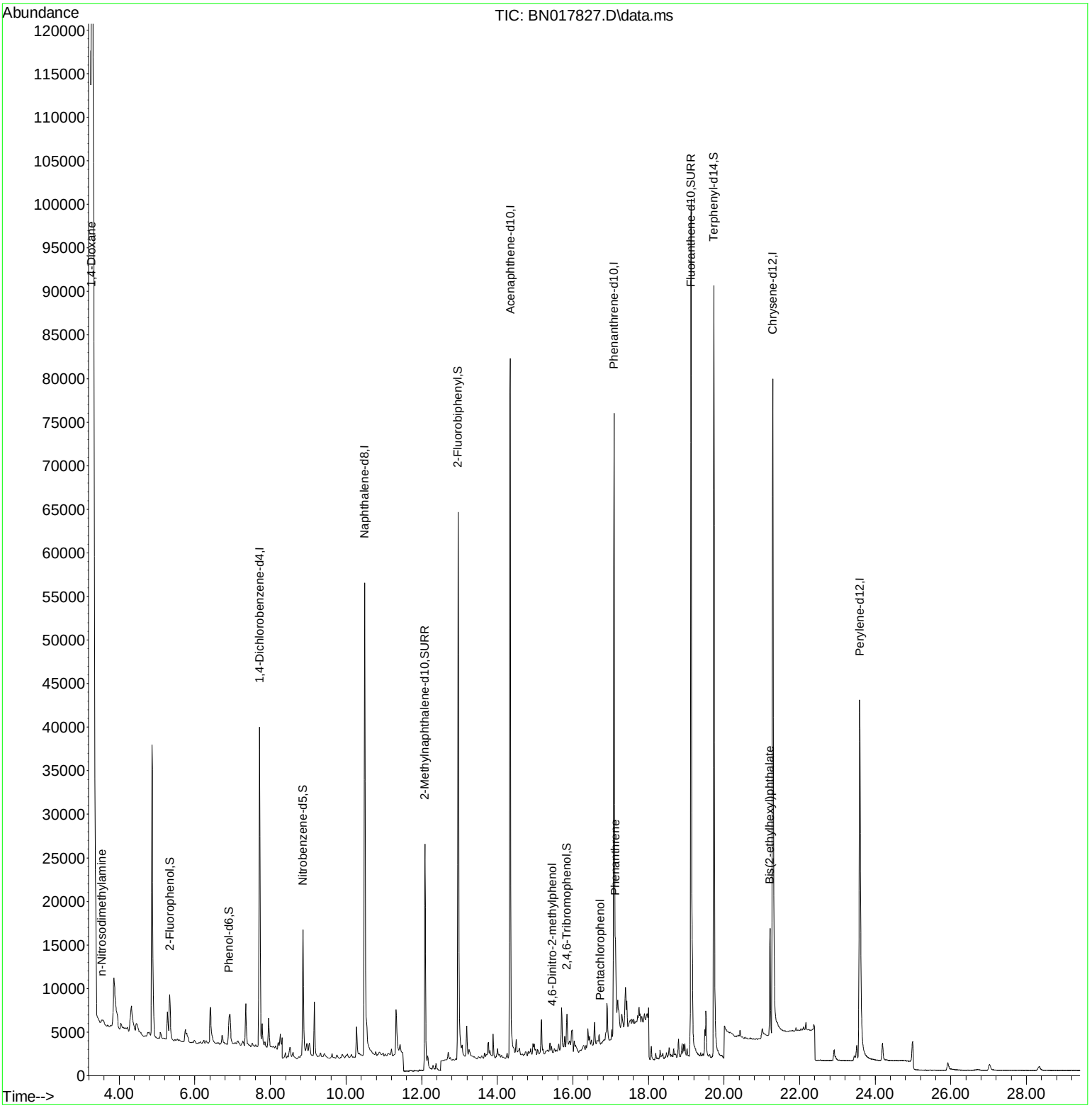
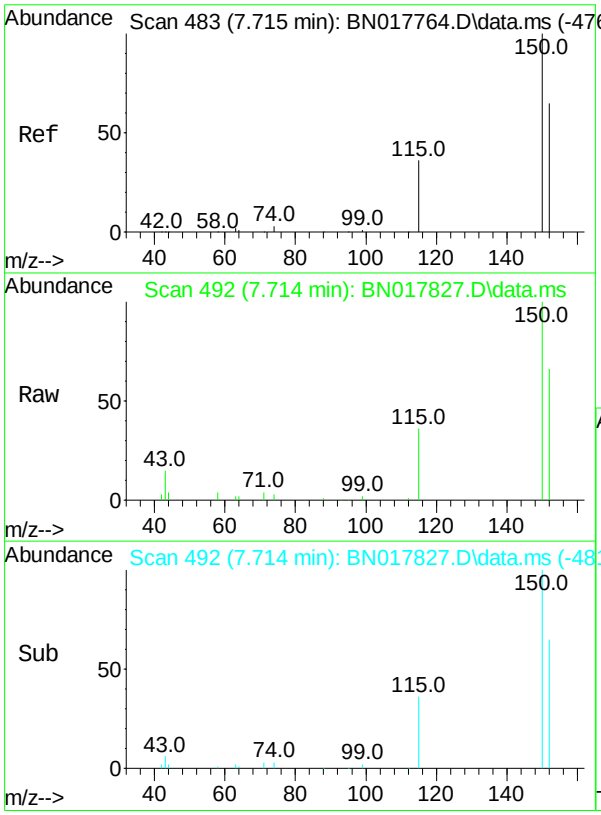


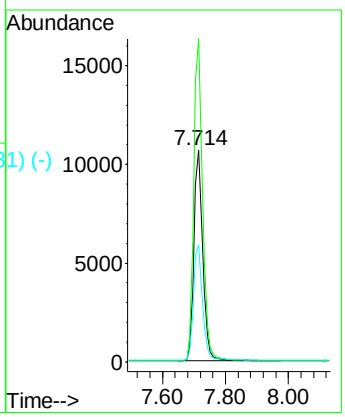


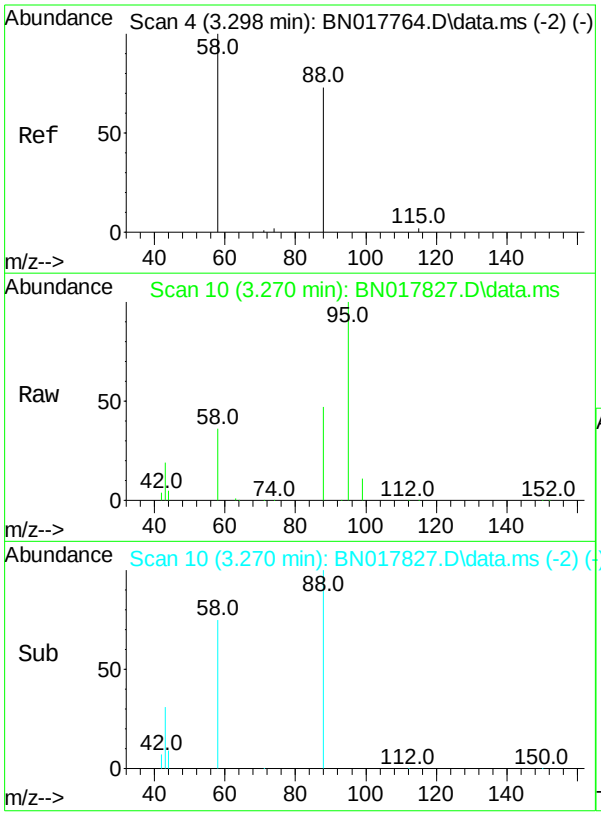
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.714 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:152 Resp: 20858

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.0	184.4
115	55.3	45.3	67.9

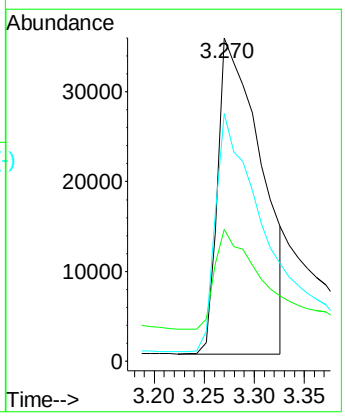


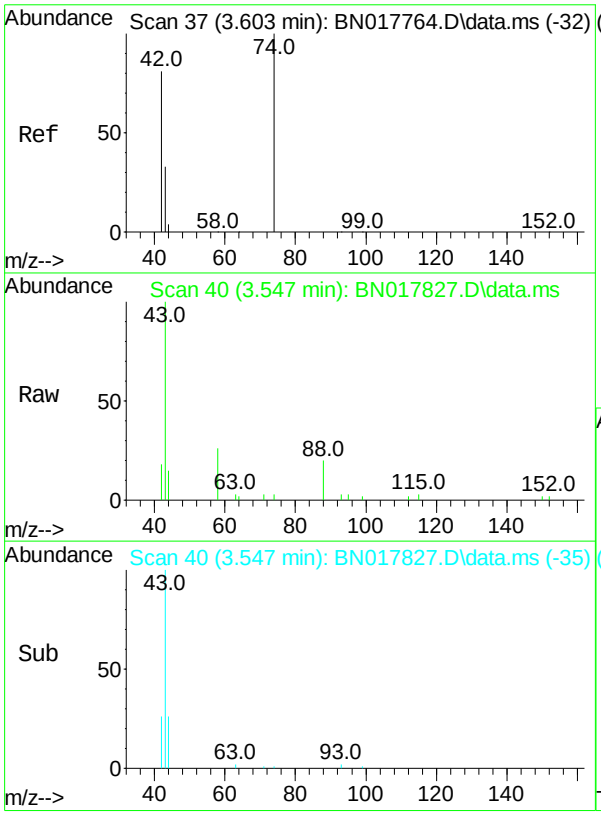


#2
1,4-Dioxane
Concen: 13.81 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion: 88 Resp: 106026

Ion	Ratio	Lower	Upper
88	100		
43	30.7	0.0	0.0#
58	73.8	0.0	0.0#



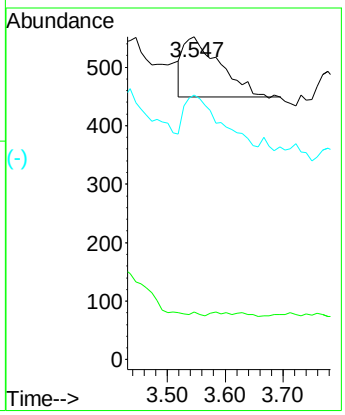


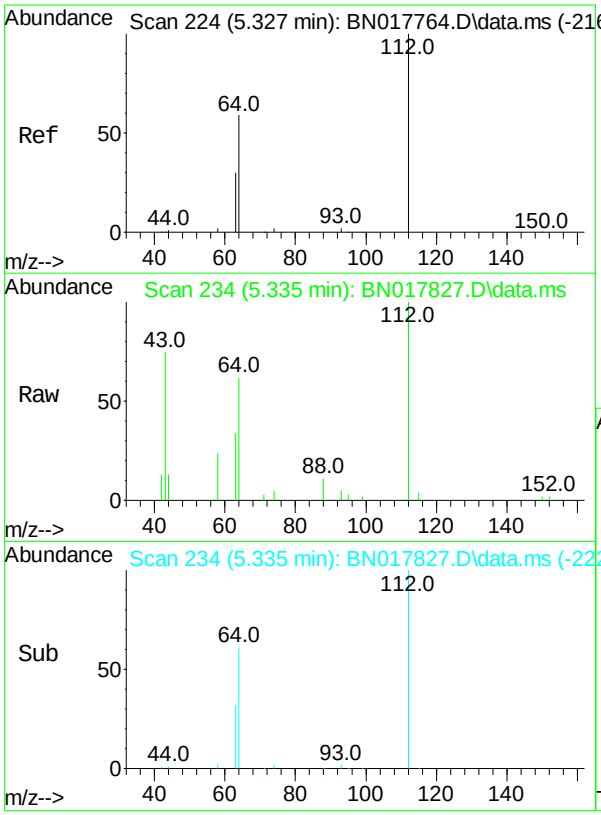
#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.547 min Scan# 4
Delta R.T. -0.056 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion: 42 Resp: 451

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.3	151.9#
44	81.4	5.0	7.4#

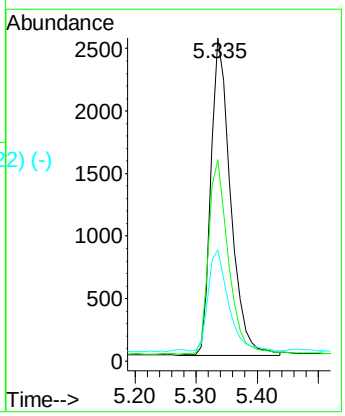


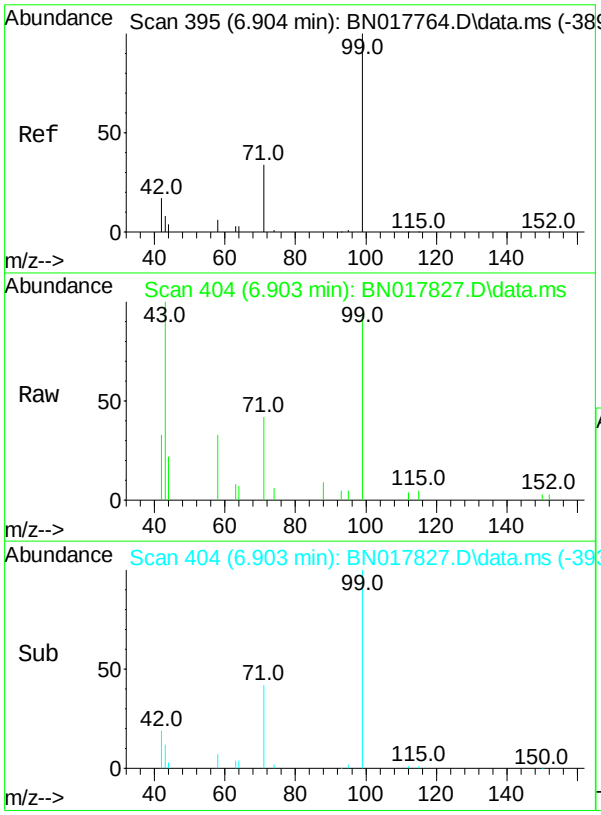


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.335 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:112 Resp: 5624

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.3	73.9
63	32.9	25.8	38.8



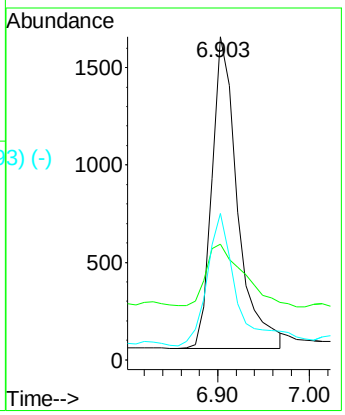


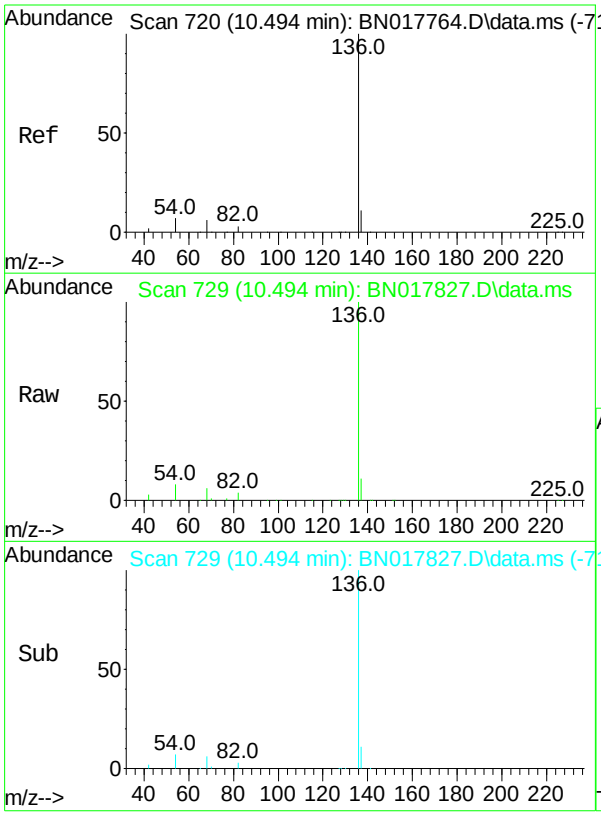
#5
Phenol-d6
Concen: 0.06 ng
RT: 6.903 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion: 99 Resp: 3099

Ion	Ratio	Lower	Upper
99	100		
42	28.3	16.6	25.0#
71	47.5	29.0	43.4#

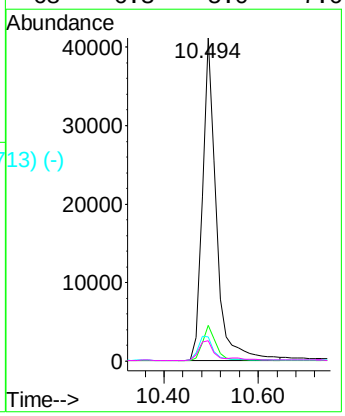


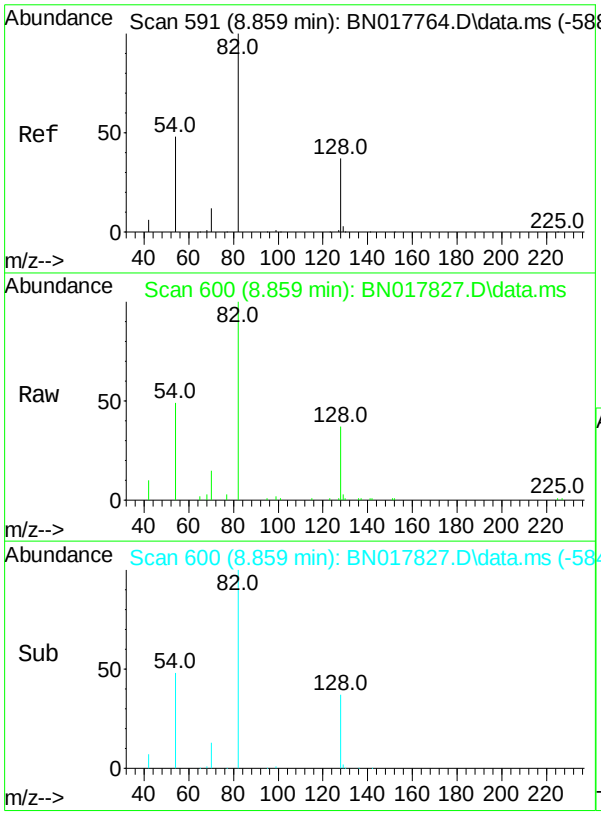


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:136 Resp: 83694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	5.9	8.9
68	6.3	5.0	7.6



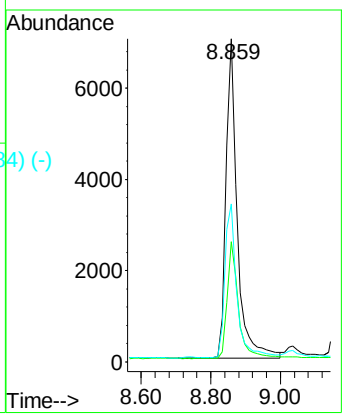


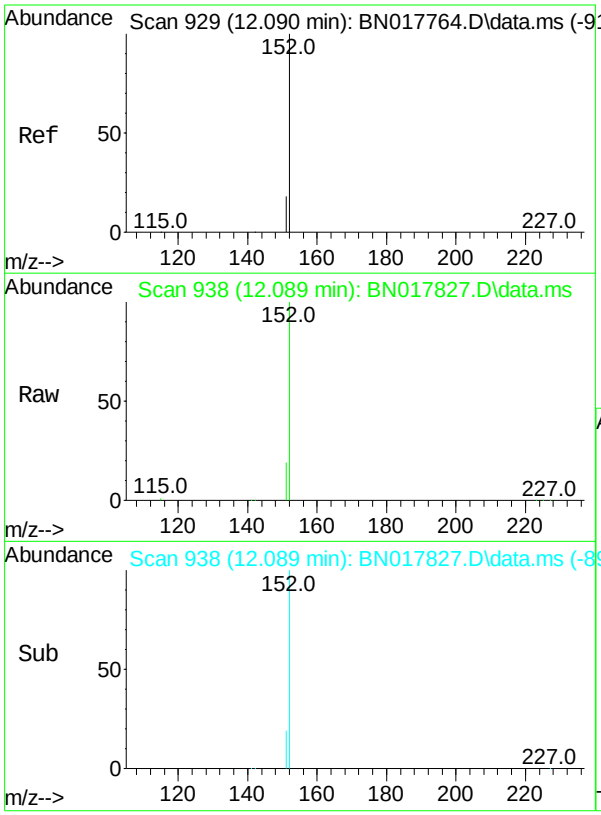
#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.859 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion: 82 Resp: 15550

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.2	45.2
54	48.8	39.0	58.6

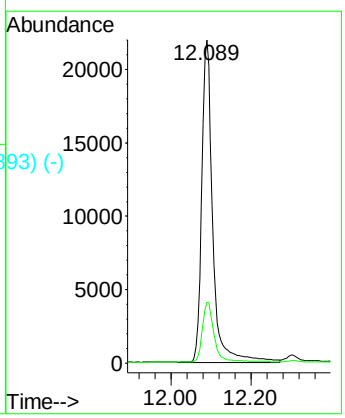


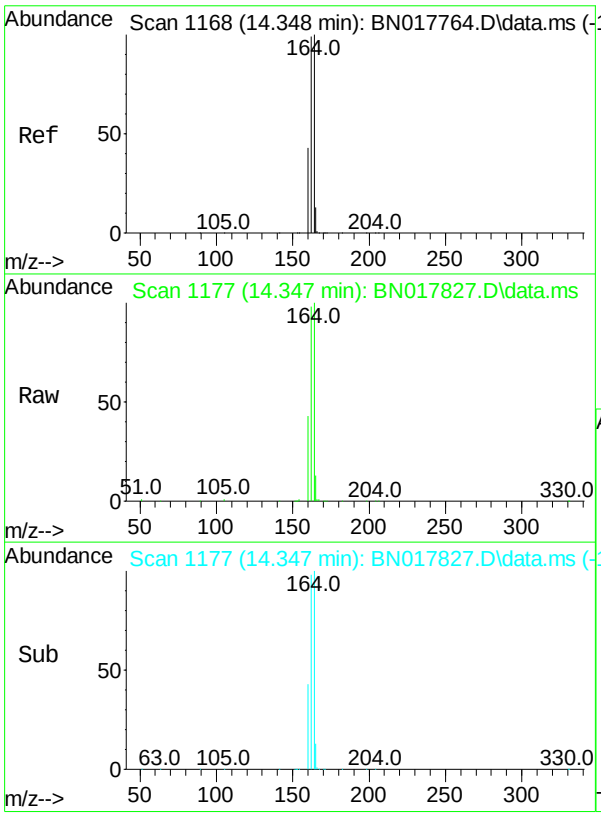


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:152 Resp: 41506

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6



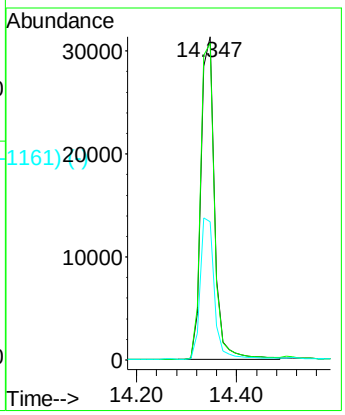


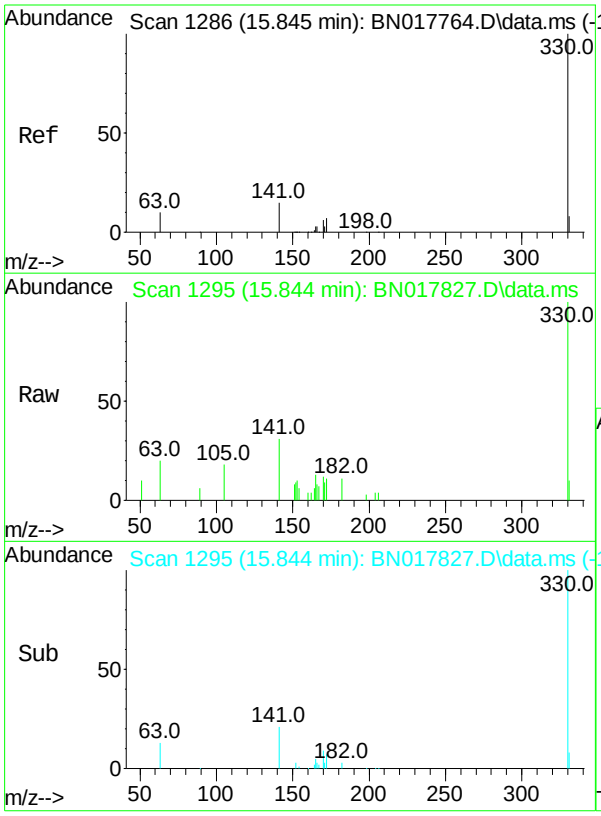
#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:164 Resp: 58583

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.0	118.6
160	42.8	34.6	52.0

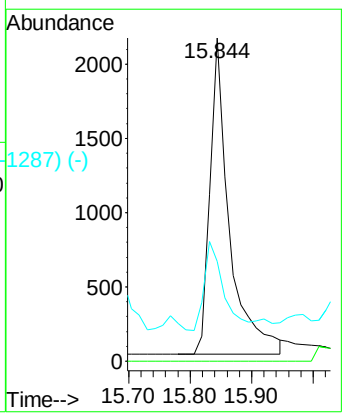


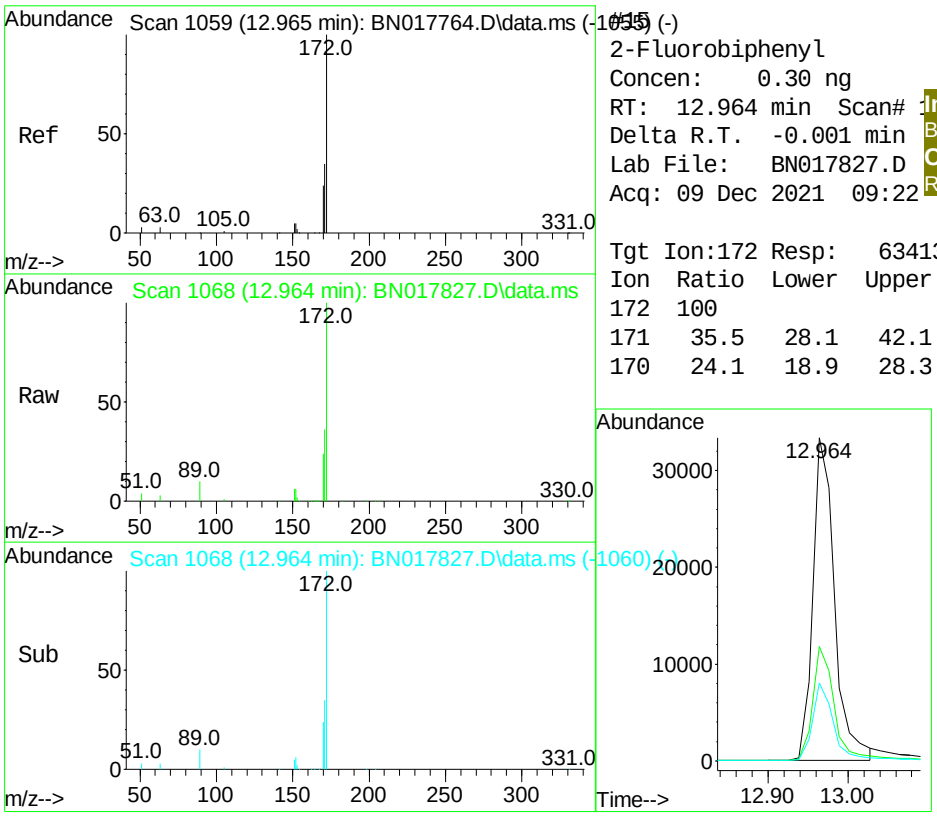


#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:330 Resp: 4699

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.8	21.5	32.3



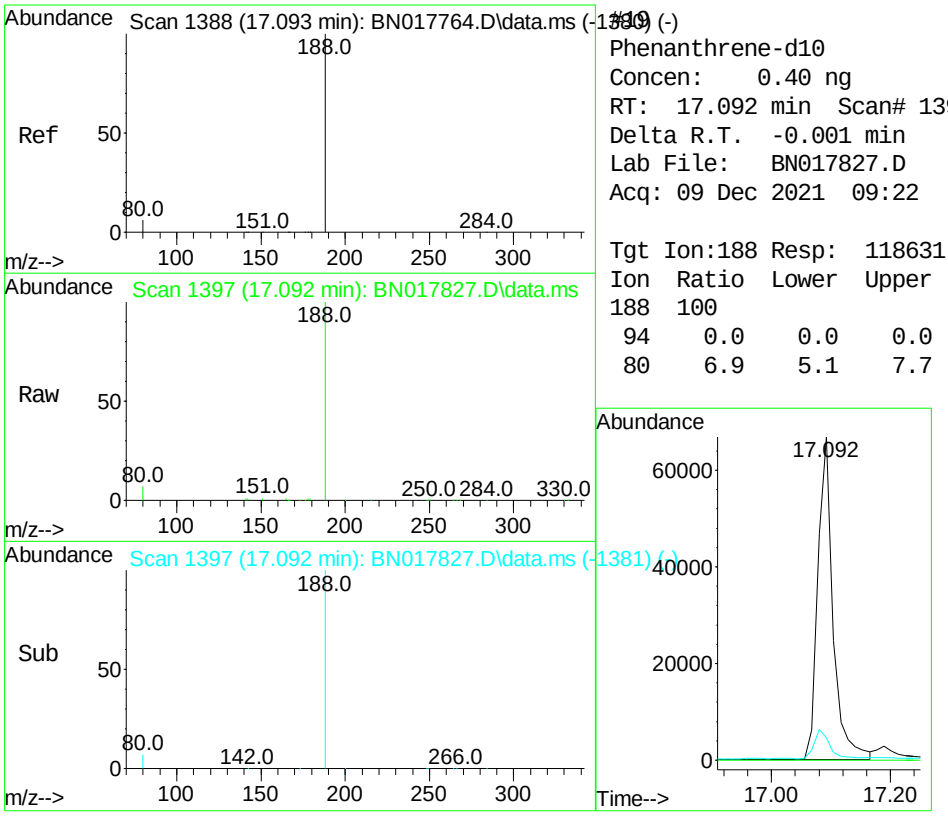


#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:172 Resp: 63413

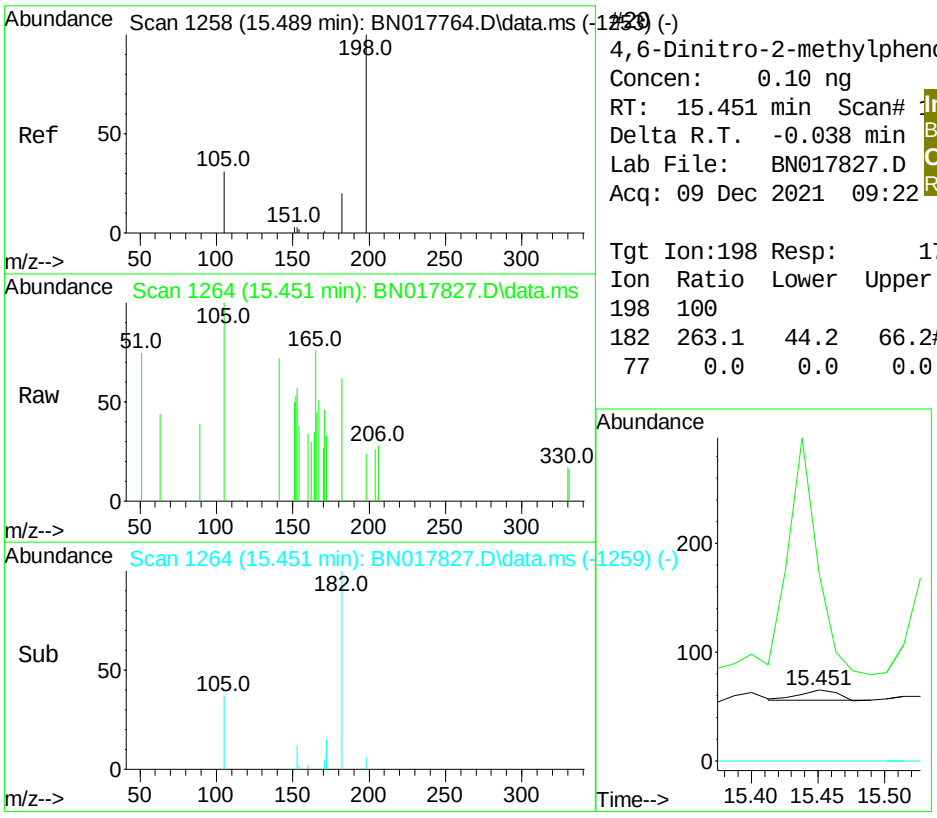
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	24.1	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:188 Resp: 118631

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.1	7.7

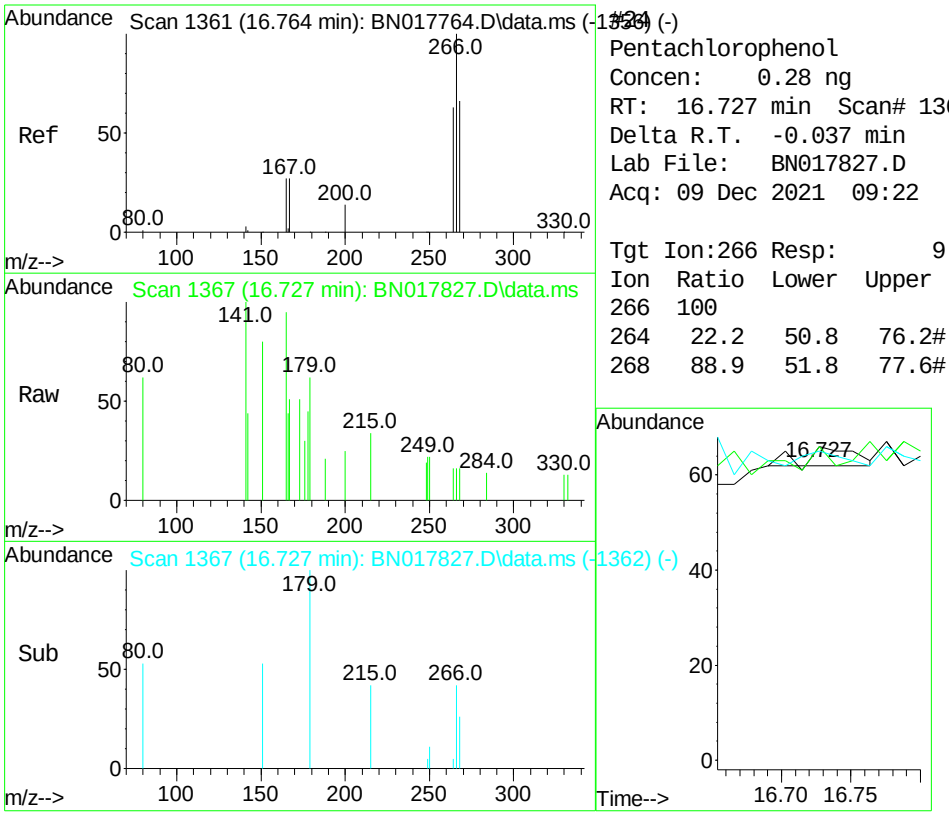


#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.451 min Scan# 1
Delta R.T. -0.038 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:198 Resp: 17

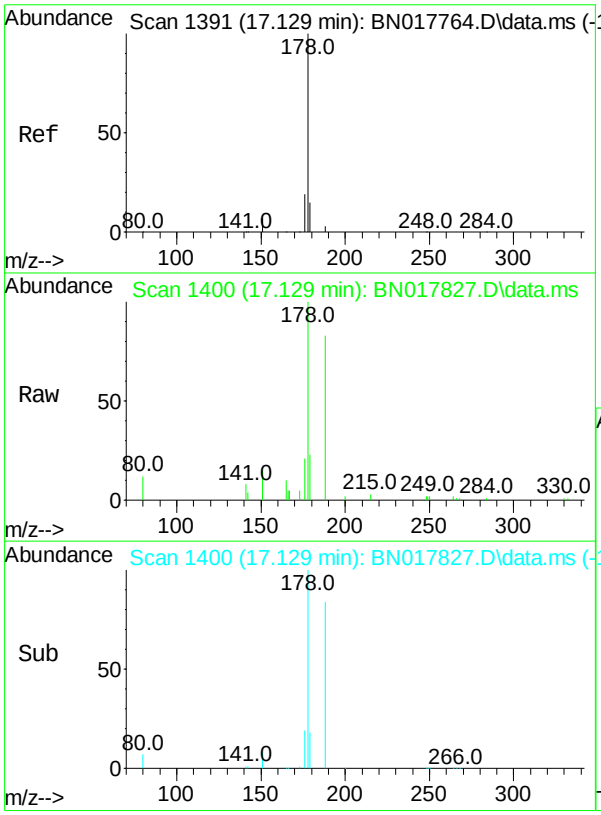
Ion	Ratio	Lower	Upper
198	100		
182	263.1	44.2	66.2#
77	0.0	0.0	0.0



#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.727 min Scan# 1367
Delta R.T. -0.037 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	22.2	50.8	76.2#
268	88.9	51.8	77.6#

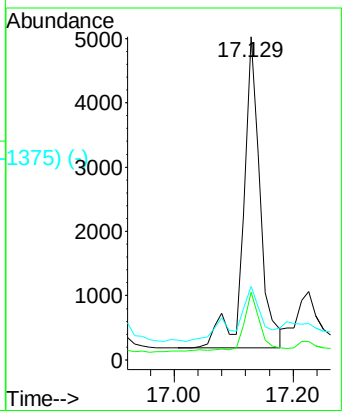


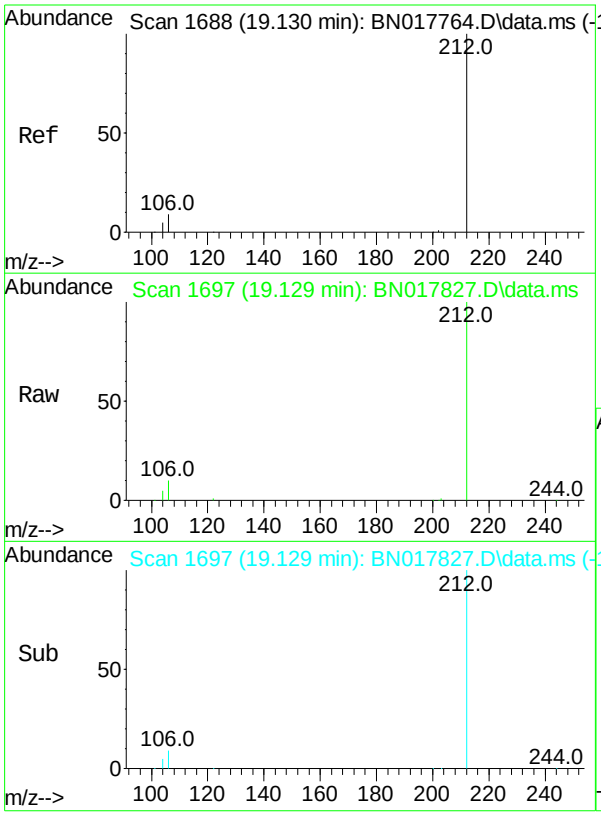
#25
Phenanthrene
Concen: 0.03 ng
RT: 17.129 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:178 Resp: 9402

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.6
179	13.6	12.5	18.7

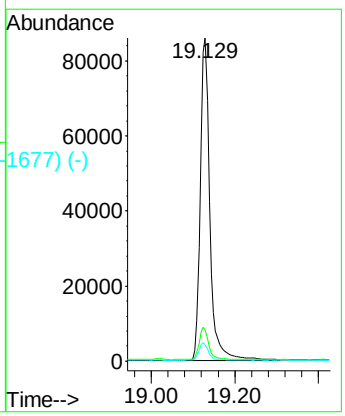


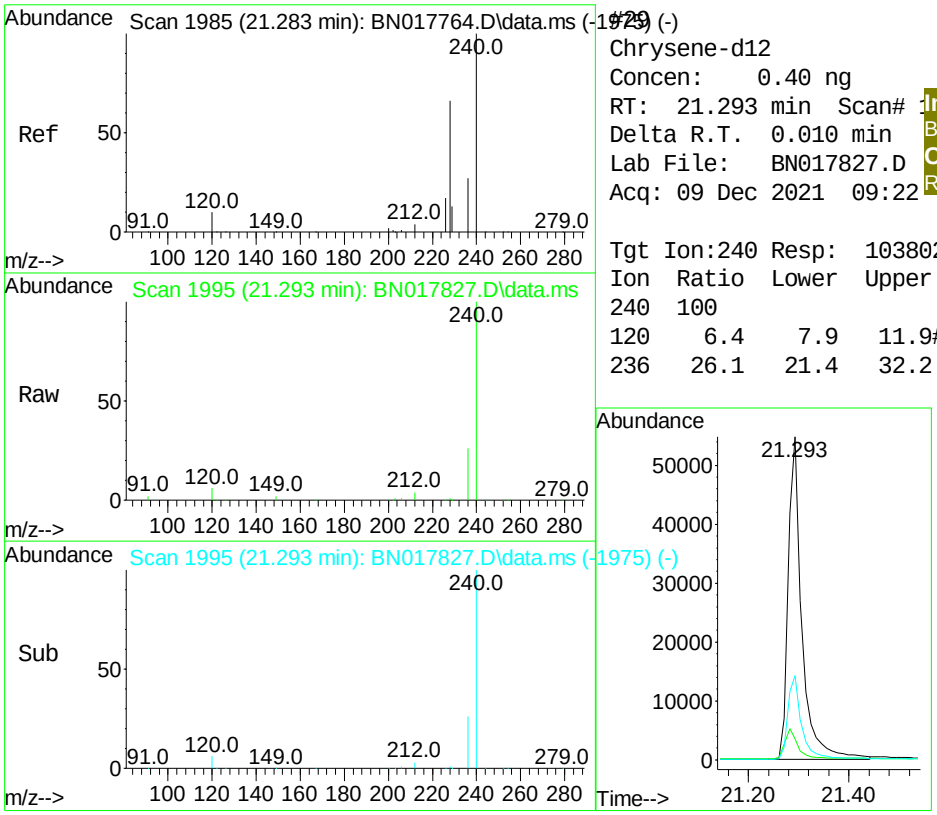


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:212 Resp: 137895

Ion	Ratio	Lower	Upper
212	100		
106	9.7	8.2	12.2
104	5.7	4.6	6.8



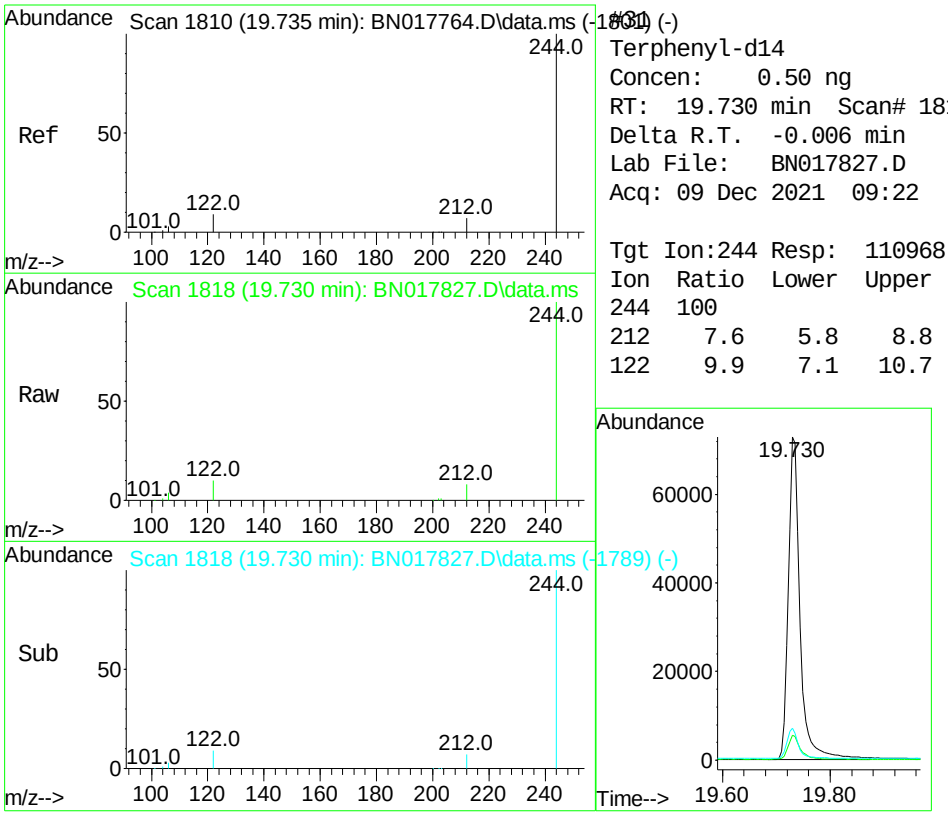


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:240 Resp: 103802

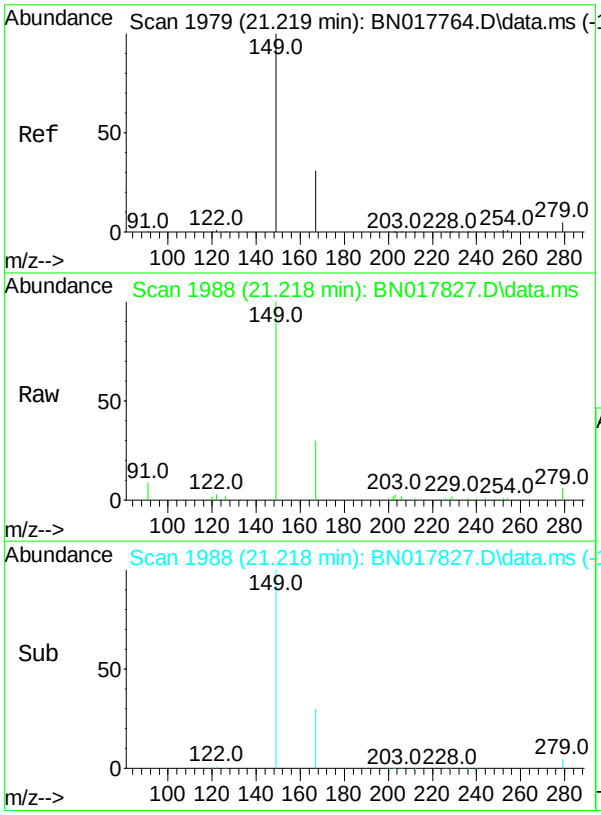
Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.9	11.9#
236	26.1	21.4	32.2



#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:244 Resp: 110968

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.9	7.1	10.7

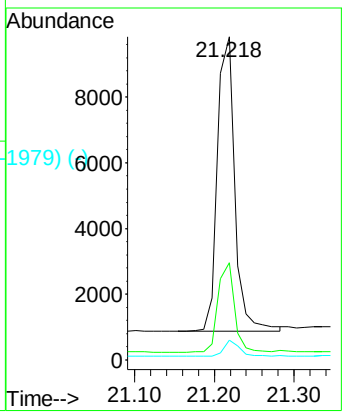


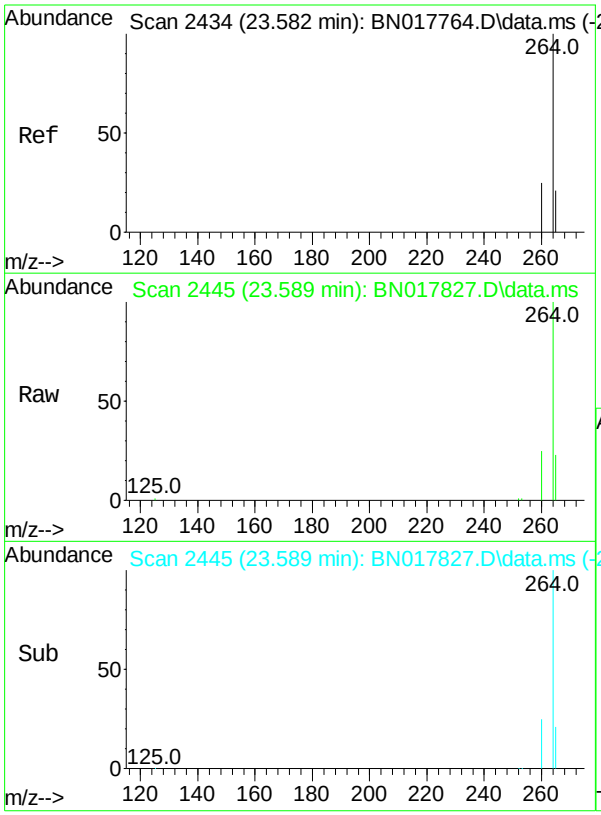
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.218 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130

Tgt Ion:149 Resp: 13512

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.5	35.3
279	4.8	3.8	5.6





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN017827.D
Acq: 09 Dec 2021 09:22

Tgt Ion:264 Resp: 77394

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