

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017888.D
 Acq On : 11 Dec 2021 02:05
 Operator : CG/JU
 Sample : M4922-15DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20211130DL

Quant Time: Dec 11 05:46:13 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)

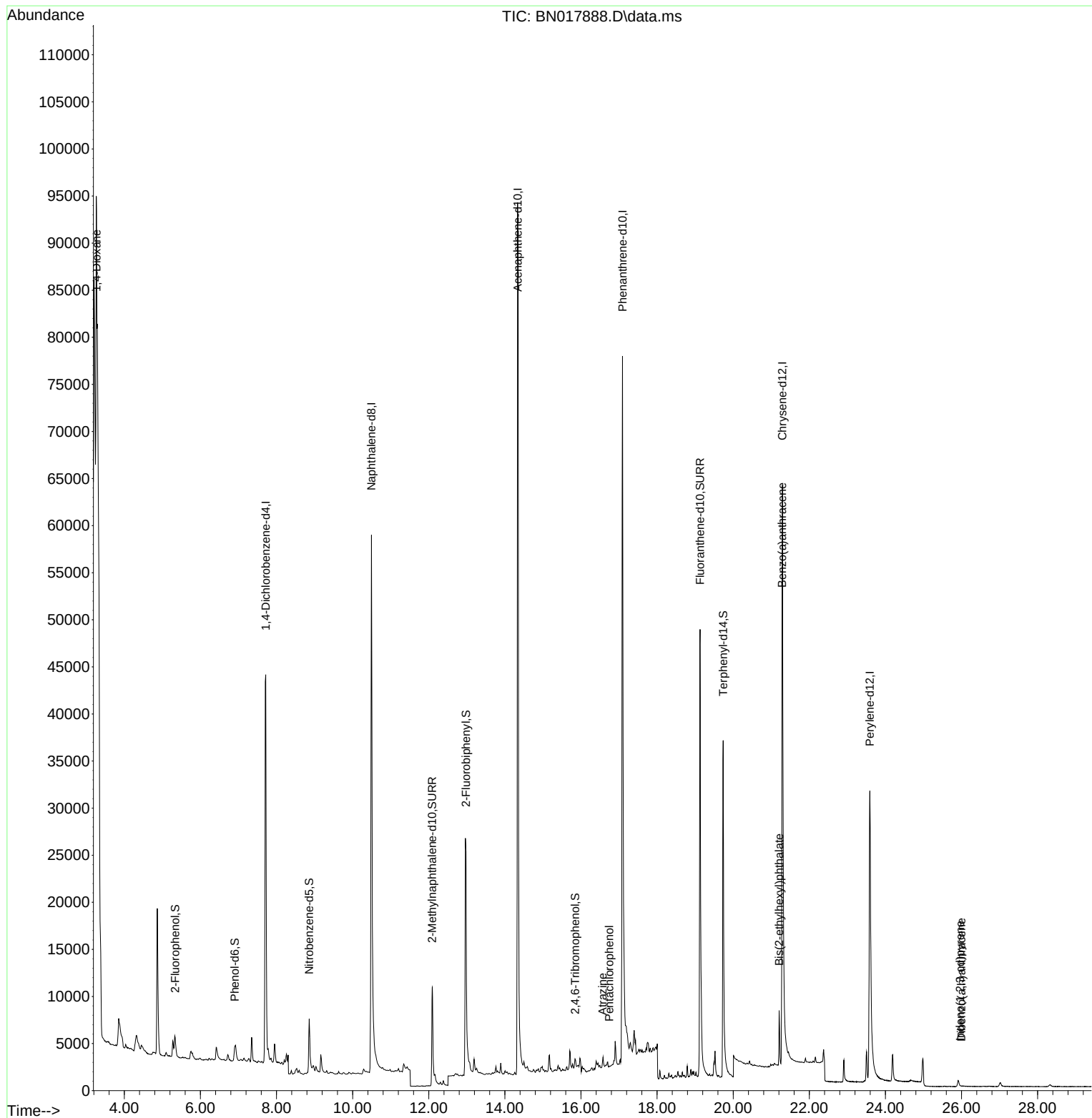
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26876	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	102756	0.400	ng	# 0.00
13) Acenaphthene-d10	14.335	164	72623	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	152897	0.400	ng	0.00
29) Chrysene-d12	21.293	240	102544	0.400	ng	0.00
35) Perylene-d12	23.593	264	66920	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2968	0.054	ng	0.00
5) Phenol-d6	6.903	99	1565	0.028	ng	0.00
8) Nitrobenzene-d5	8.859	82	7341	0.109	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	21724	0.120	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1488	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	32222	0.126	ng	0.01
27) Fluoranthene-d10	19.129	212	78023	0.157	ng	0.00
31) Terphenyl-d14	19.735	244	58734	0.232	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	43794	5.370	ng	94
20) 4,6-Dinitro-2-methylph...	15.438	198	7	Below Cal	#	1
23) Atrazine	16.569	200	132	0.093	ng	# 1
24) Pentachlorophenol	16.740	266	6	0.084	ng	# 60
32) Benzo(a)anthracene	21.282	228	598	0.052	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.208	149	5831	0.053	ng	99
36) Indeno(1,2,3-cd)pyrene	25.961	276	1	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.992	278	4	0.101	ng	# 1

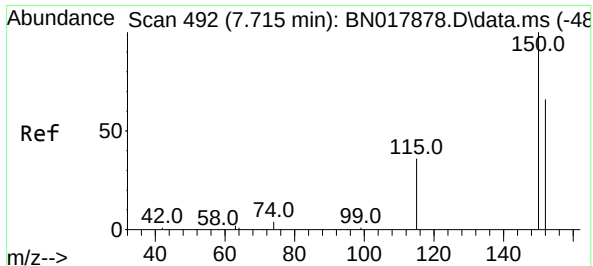
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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Misc :
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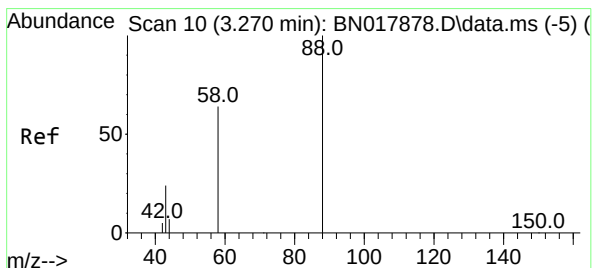
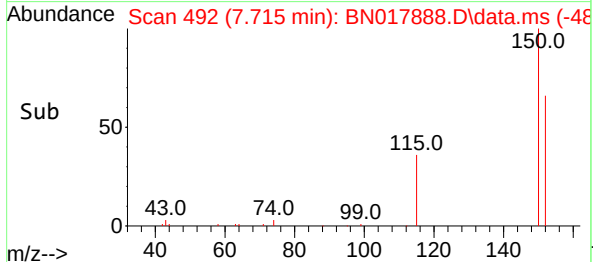
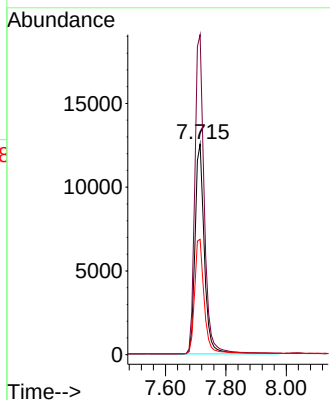
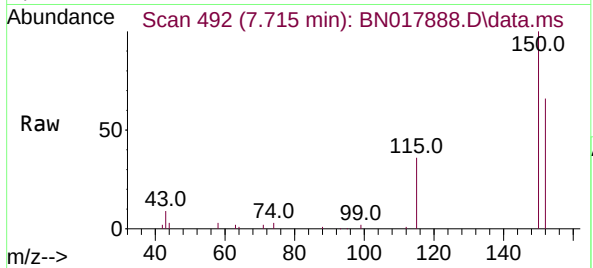




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

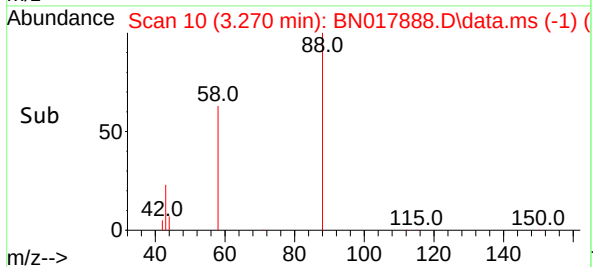
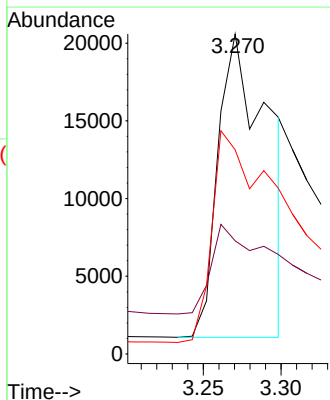
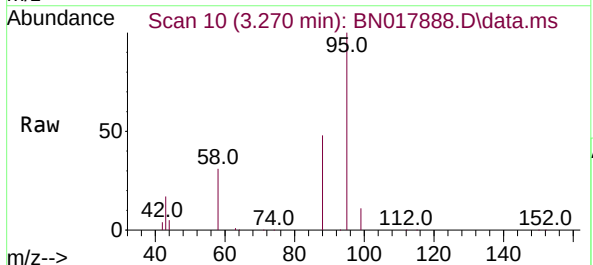
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20211130DL

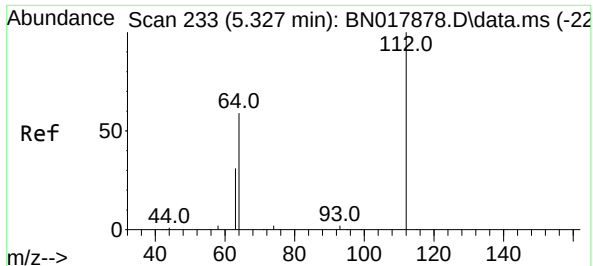
Tgt Ion:152 Resp: 26876
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.9 182.9
 115 54.8 44.1 66.1



#2
 1,4-Dioxane
 Concen: 5.370 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

Tgt Ion: 88 Resp: 43794
 Ion Ratio Lower Upper
 88 100
 43 31.1 28.0 42.0
 58 76.4 65.4 98.0

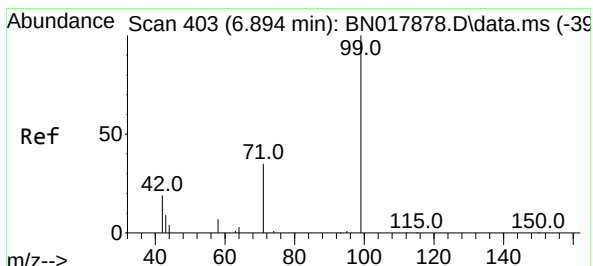
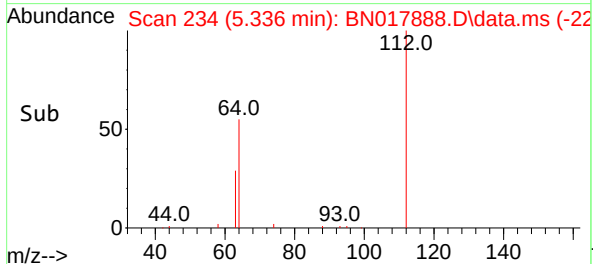
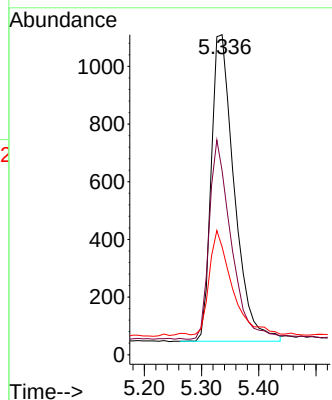
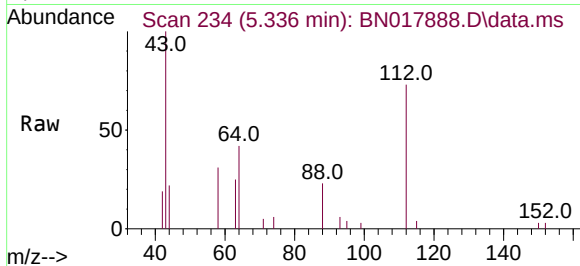




#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

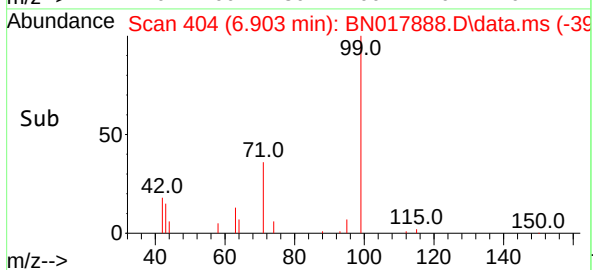
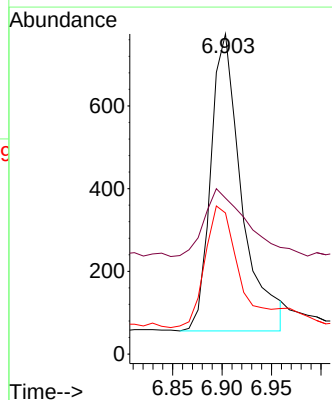
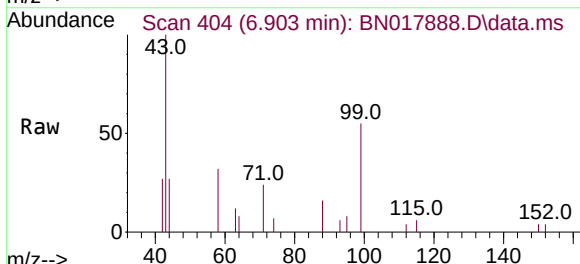
Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130DL

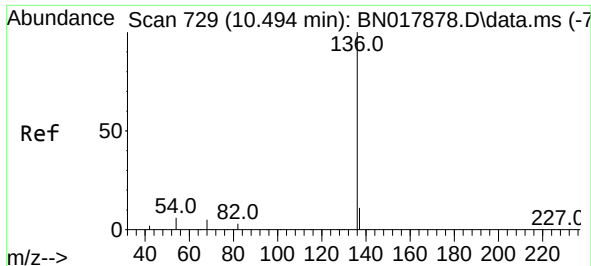
Tgt Ion:	112	Resp:	2968
Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.0	73.4
63	33.5	26.2	39.2



#5
Phenol-d6
Concen: 0.028 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

Tgt Ion:	99	Resp:	1565
Ion	Ratio	Lower	Upper
99	100		
42	30.3	17.0	25.4#
71	44.8	28.0	42.0#

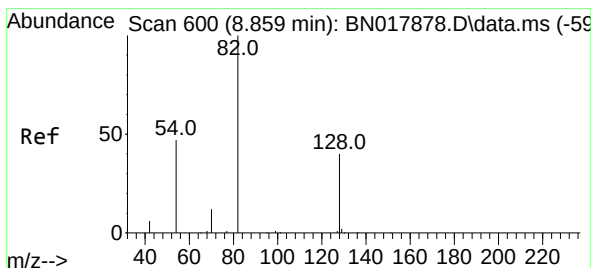
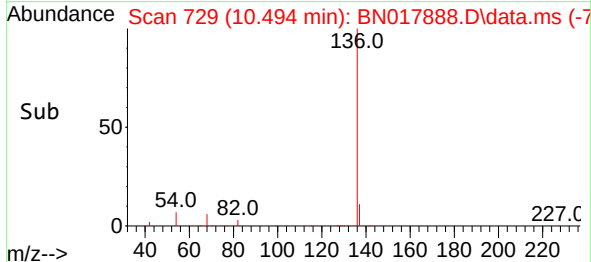
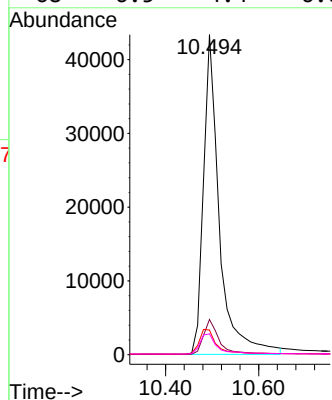
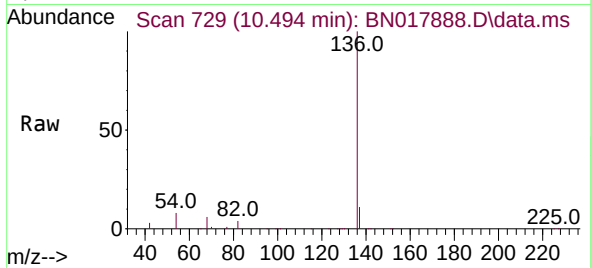




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

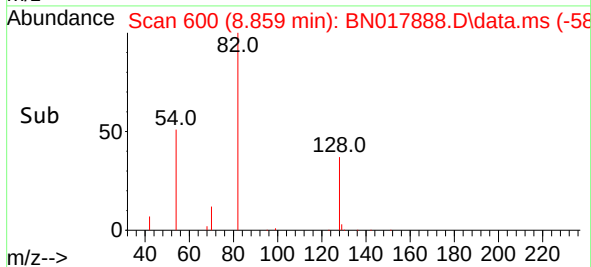
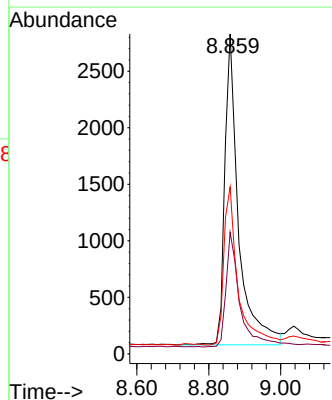
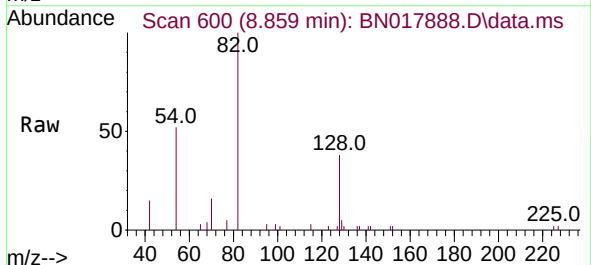
Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130DL

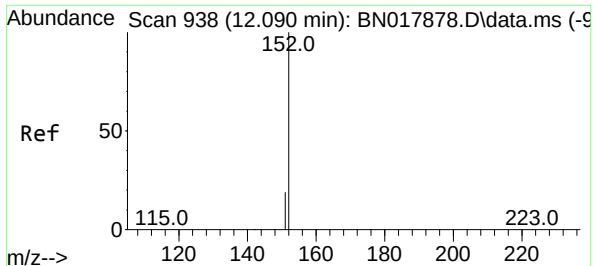
Tgt Ion:136 Resp: 102756
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 5.1 7.7#
68 6.5 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.109 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

Tgt Ion: 82 Resp: 7341
Ion Ratio Lower Upper
82 100
128 38.0 32.2 48.4
54 52.2 37.6 56.4

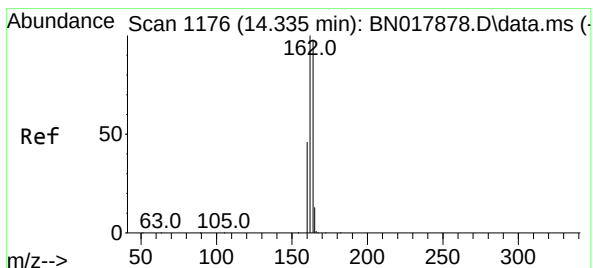
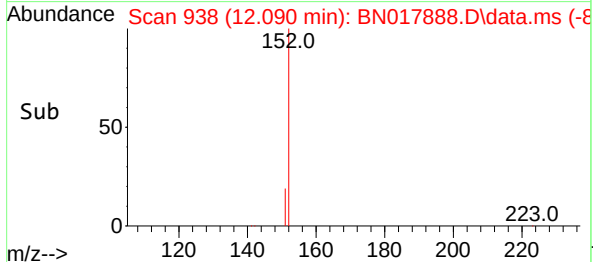
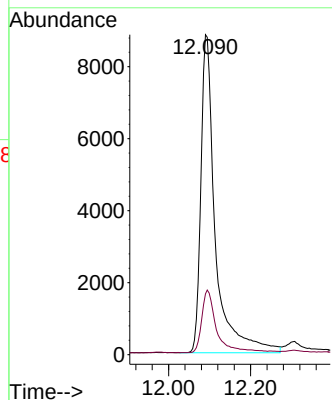
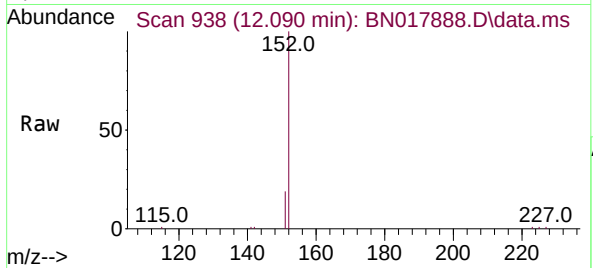




#11
2-Methylnaphthalene-d10
Concen: 0.120 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

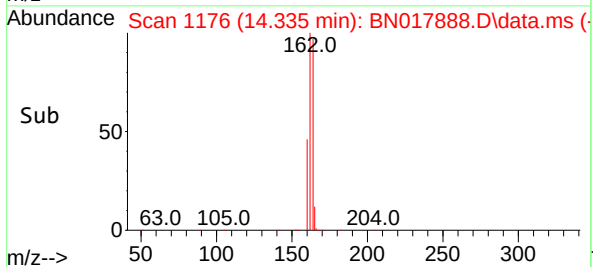
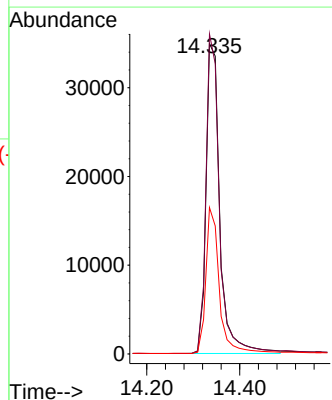
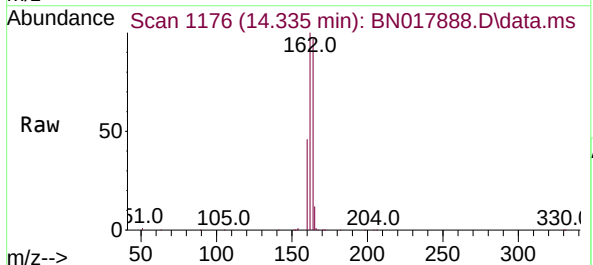
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BNA_N
ClientSampleId :
RE131D1-20211130DL

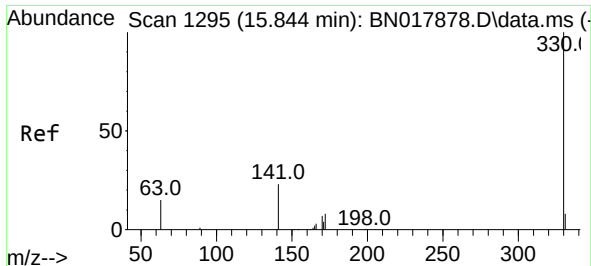
Tgt Ion:152 Resp: 21724
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

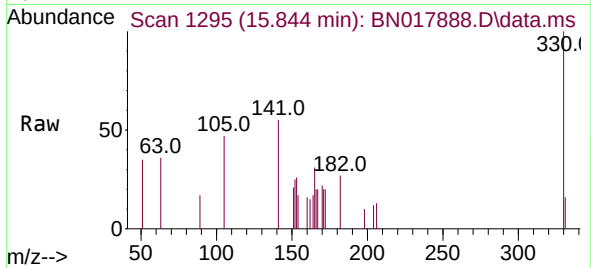
Tgt Ion:164 Resp: 72623
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 47.2 38.2 57.2



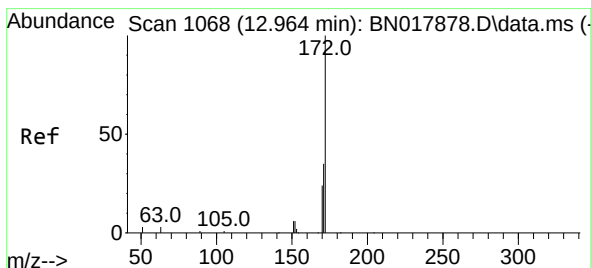
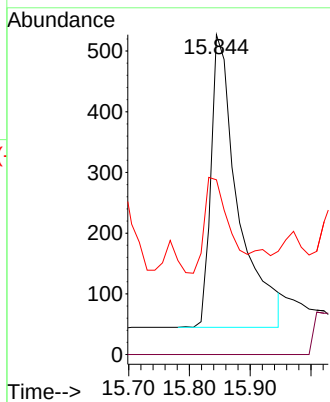
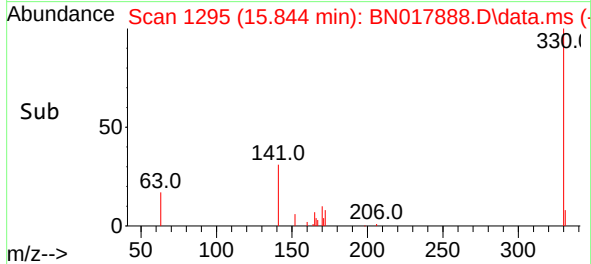


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.844 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

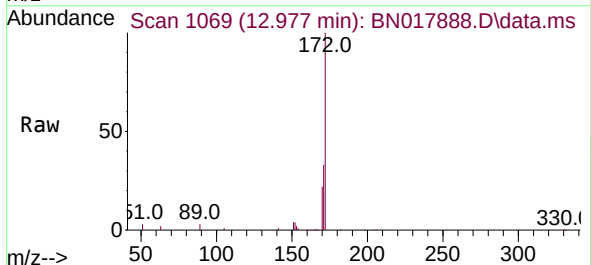
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BNA_N
ClientSampleId :
RE131D1-20211130DL



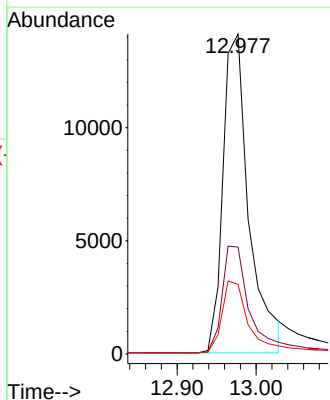
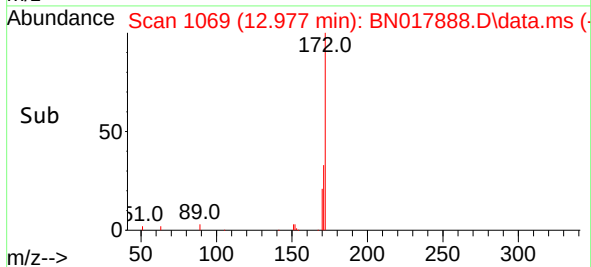
Tgt Ion:330 Resp: 1488
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5#

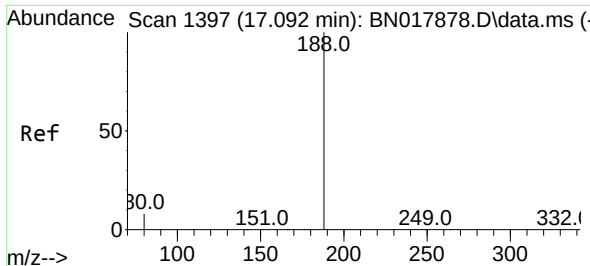


#15
2-Fluorobiphenyl
Concen: 0.126 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05



Tgt Ion:172 Resp: 32222
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 21.7 19.1 28.7

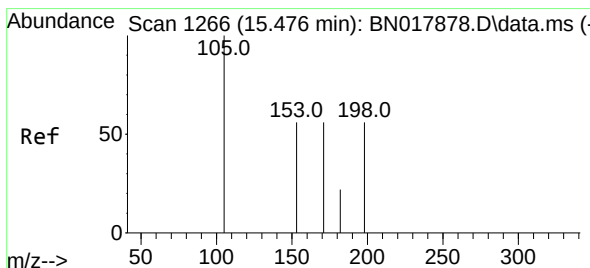
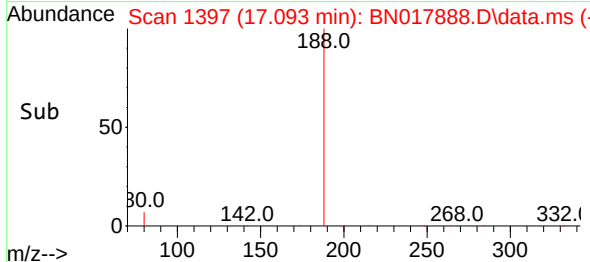
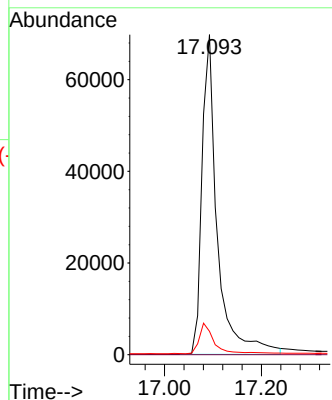
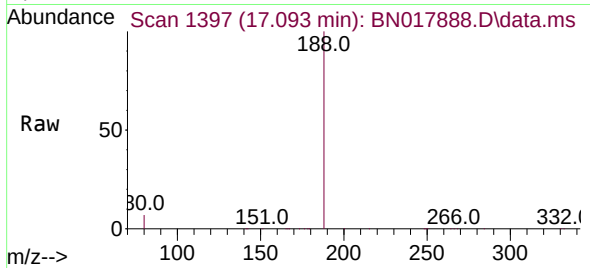




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

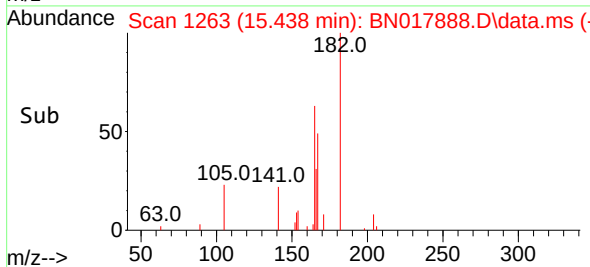
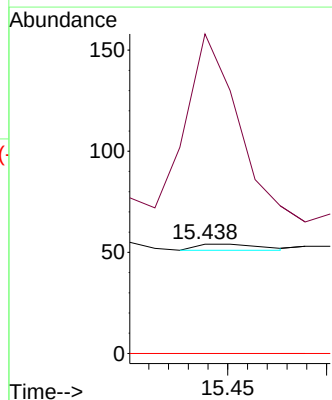
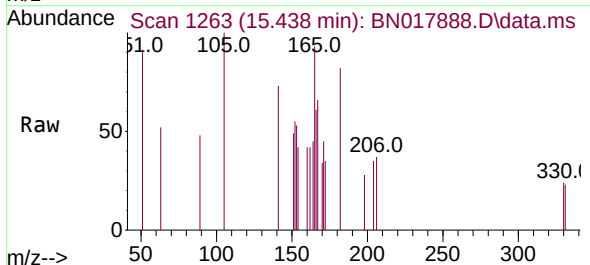
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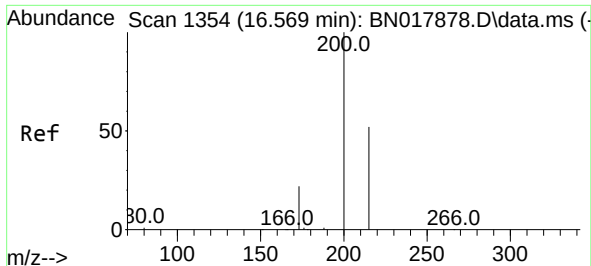
Tgt Ion:188 Resp: 152897
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 292.6 70.8 106.2#
77 0.0 0.0 0.0

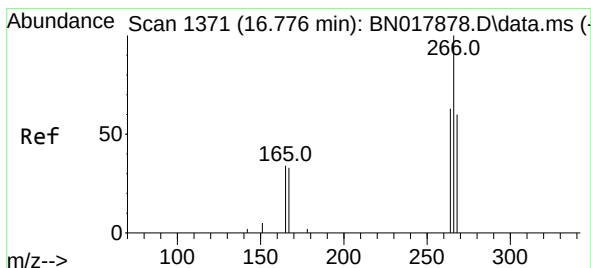
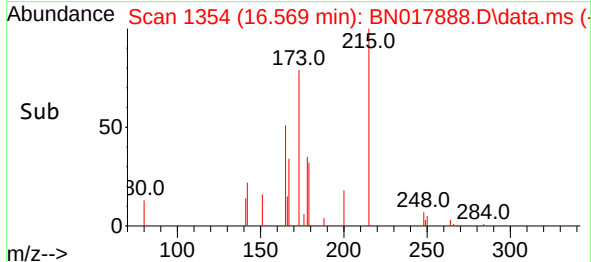
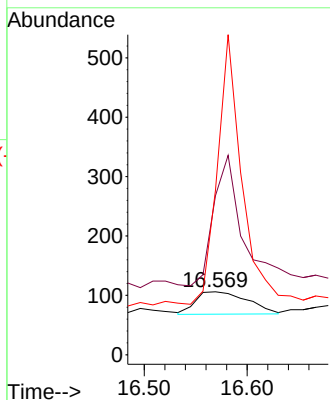
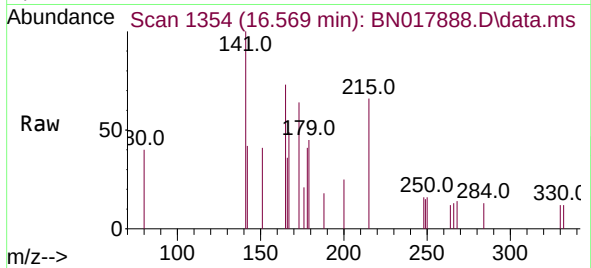




#23
Atrazine
Concen: 0.093 ng
RT: 16.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

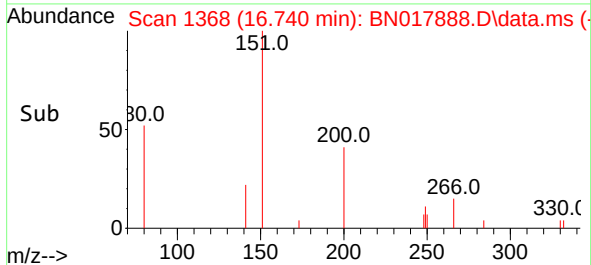
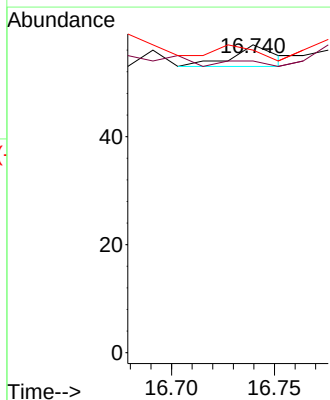
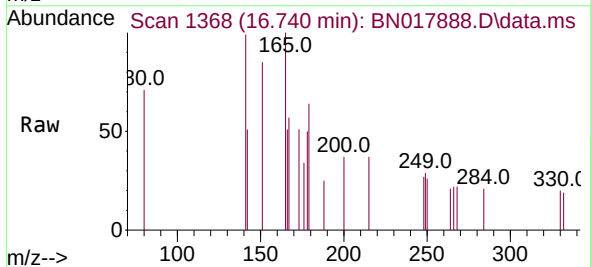
Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130DL

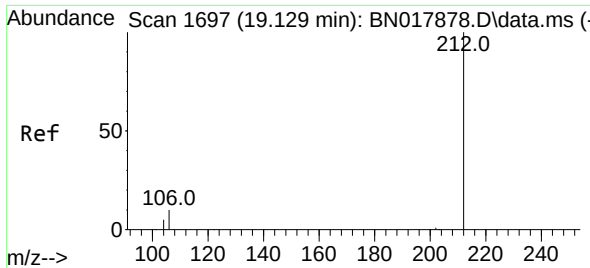
Tgt Ion:200 Resp: 132
Ion Ratio Lower Upper
200 100
173 252.8 18.2 27.2#
215 261.3 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.084 ng
RT: 16.740 min Scan# 1368
Delta R.T. -0.036 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 0.0 50.6 76.0#
268 66.7 53.7 80.5

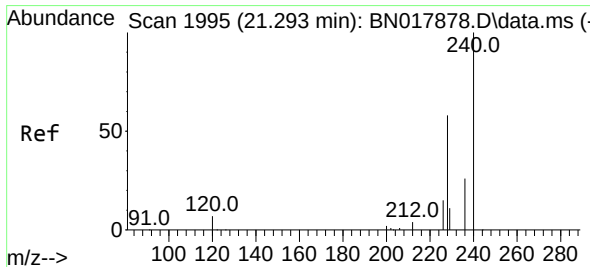
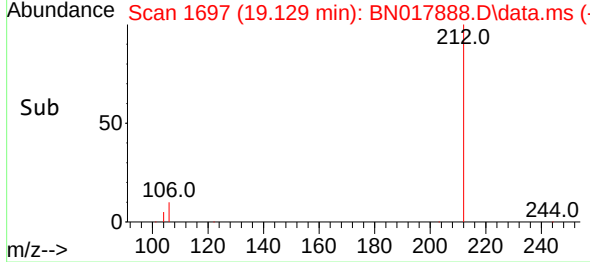
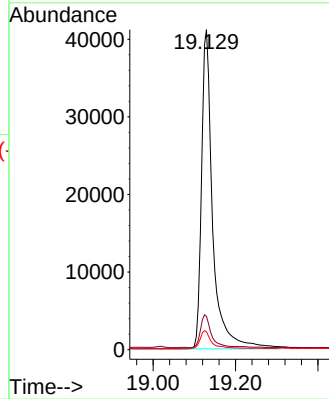
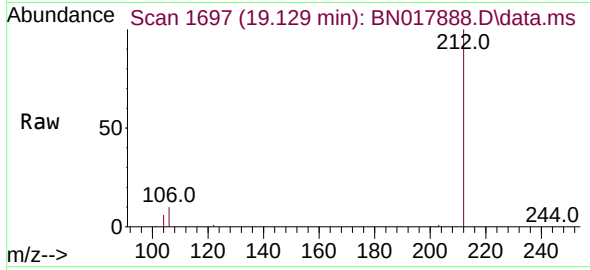




#27
Fluoranthene-d10
Concen: 0.157 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

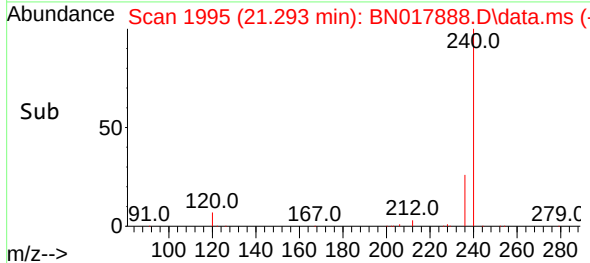
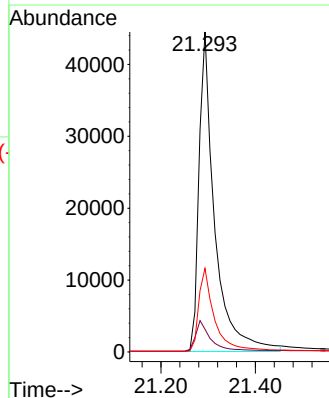
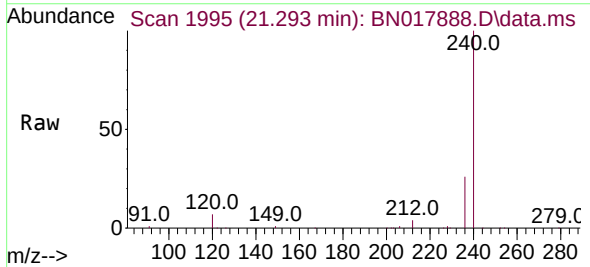
Instrument :
BNA_N
ClientSampleId :
RE131D1-20211130DL

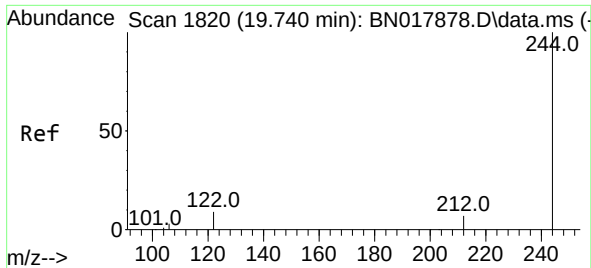
Tgt Ion:212 Resp: 78023
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017888.D
Acq: 11 Dec 2021 02:05

Tgt Ion:240 Resp: 102544
Ion Ratio Lower Upper
240 100
120 7.1 5.8 8.8
236 26.1 21.0 31.6

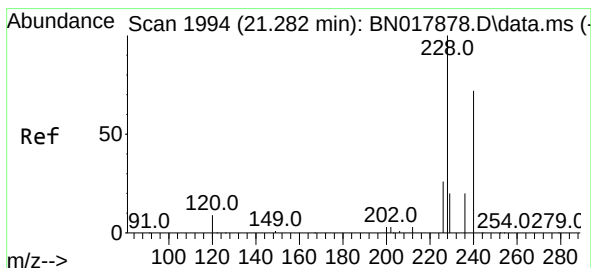
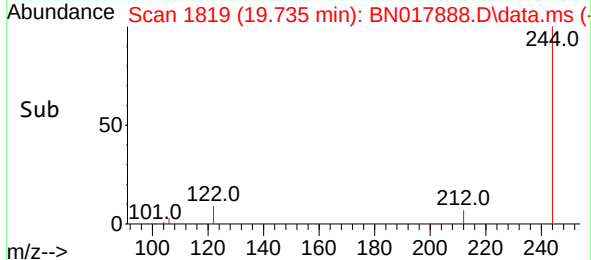
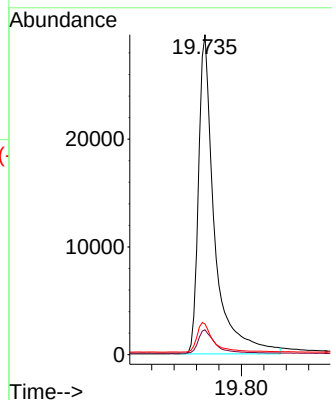
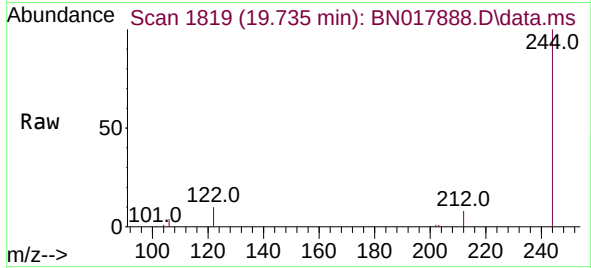




#31
 Terphenyl-d14
 Concen: 0.232 ng
 RT: 19.735 min Scan# 1820
 Delta R.T. -0.005 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

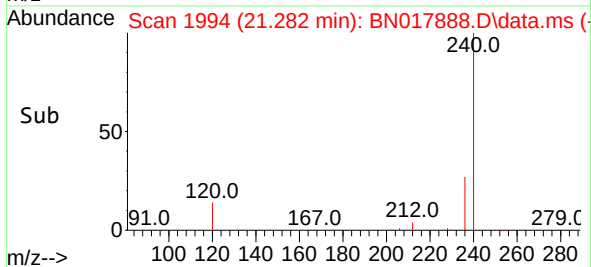
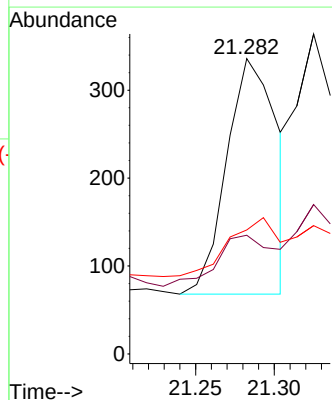
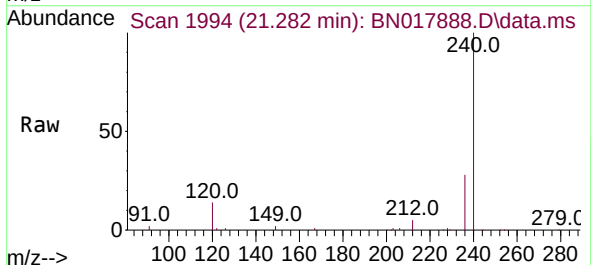
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20211130DL

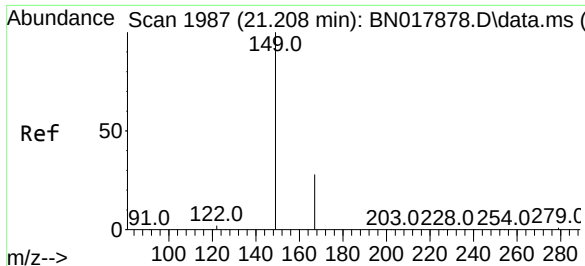
Tgt Ion:244	Resp:	58734
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.2 9.2
122	9.6	7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

Tgt Ion:228	Resp:	598
Ion Ratio	Lower	Upper
228	100	
226	40.2	21.0 31.4#
229	42.0	15.8 23.8#

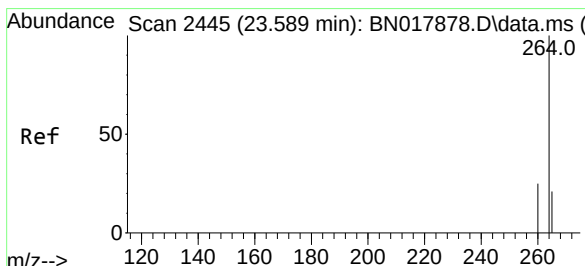
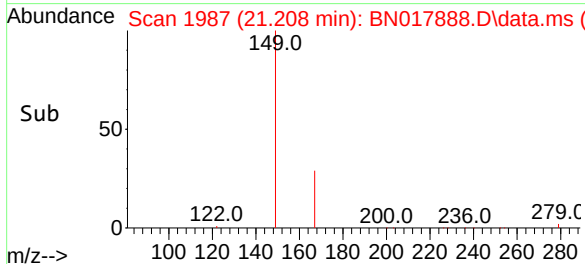
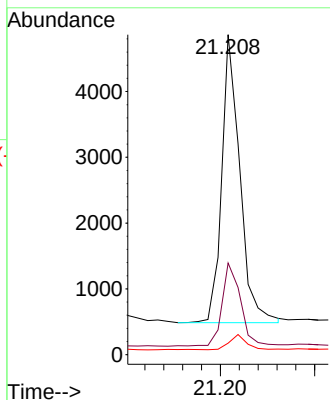
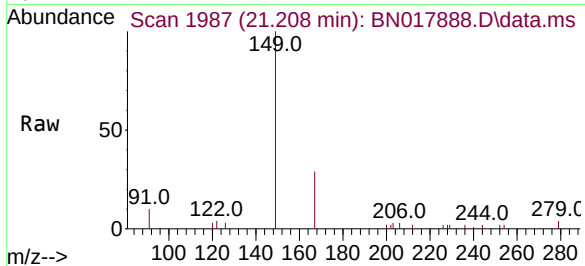




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

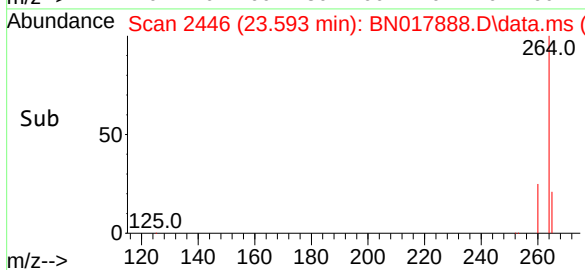
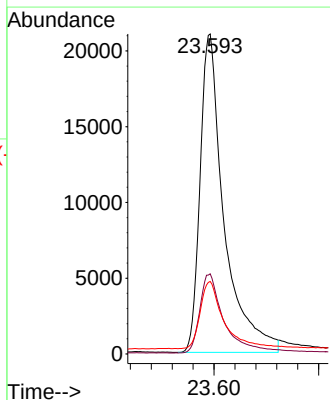
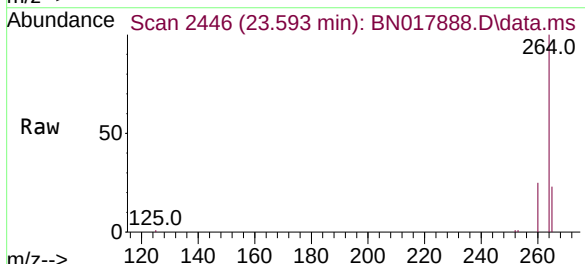
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20211130DL

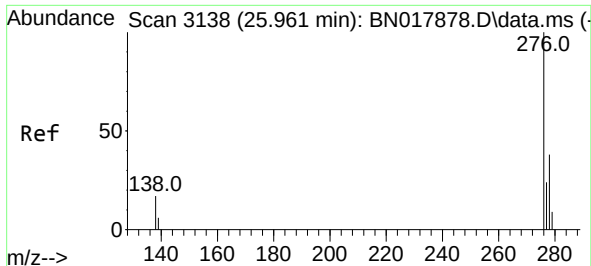
Tgt Ion:	149	Resp:	5831
Ion Ratio	Lower	Upper	
149	100		
167	29.8	23.4	35.0
279	4.9	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.593 min Scan# 2446
 Delta R.T. 0.004 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

Tgt Ion:	264	Resp:	66920
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.2	30.4
265	22.6	18.2	27.4

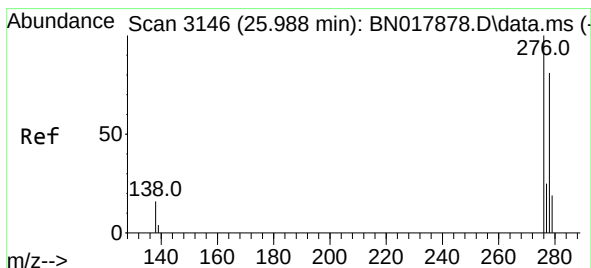
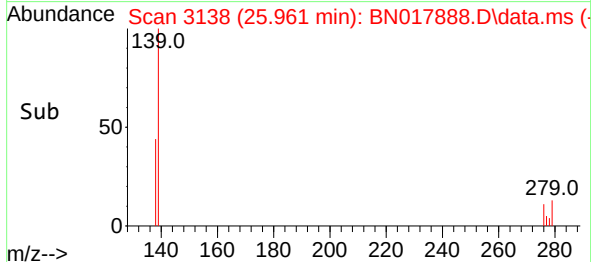
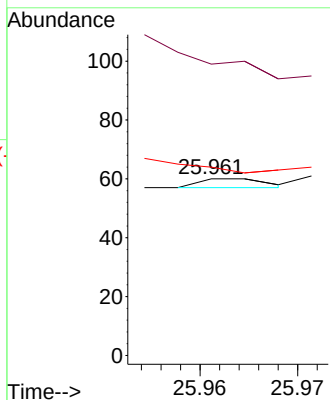
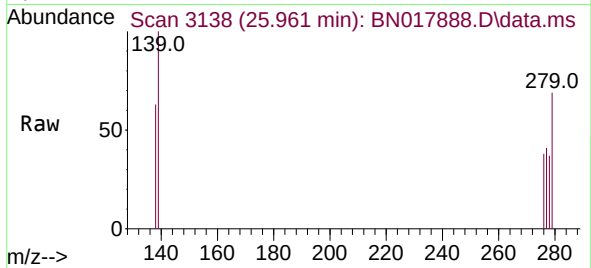




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.961 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20211130DL

Tgt Ion:276 Resp: 1
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 300.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.992 min Scan# 3147
 Delta R.T. 0.004 min
 Lab File: BN017888.D
 Acq: 11 Dec 2021 02:05

Tgt Ion:278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 208.3 12.0 18.0#
 279 173.3 20.8 31.2#

