

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017907.D
 Acq On : 11 Dec 2021 15:21
 Operator : CG/JU
 Sample : M4923-03DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130DL

Quant Time: Dec 11 21:30:43 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)

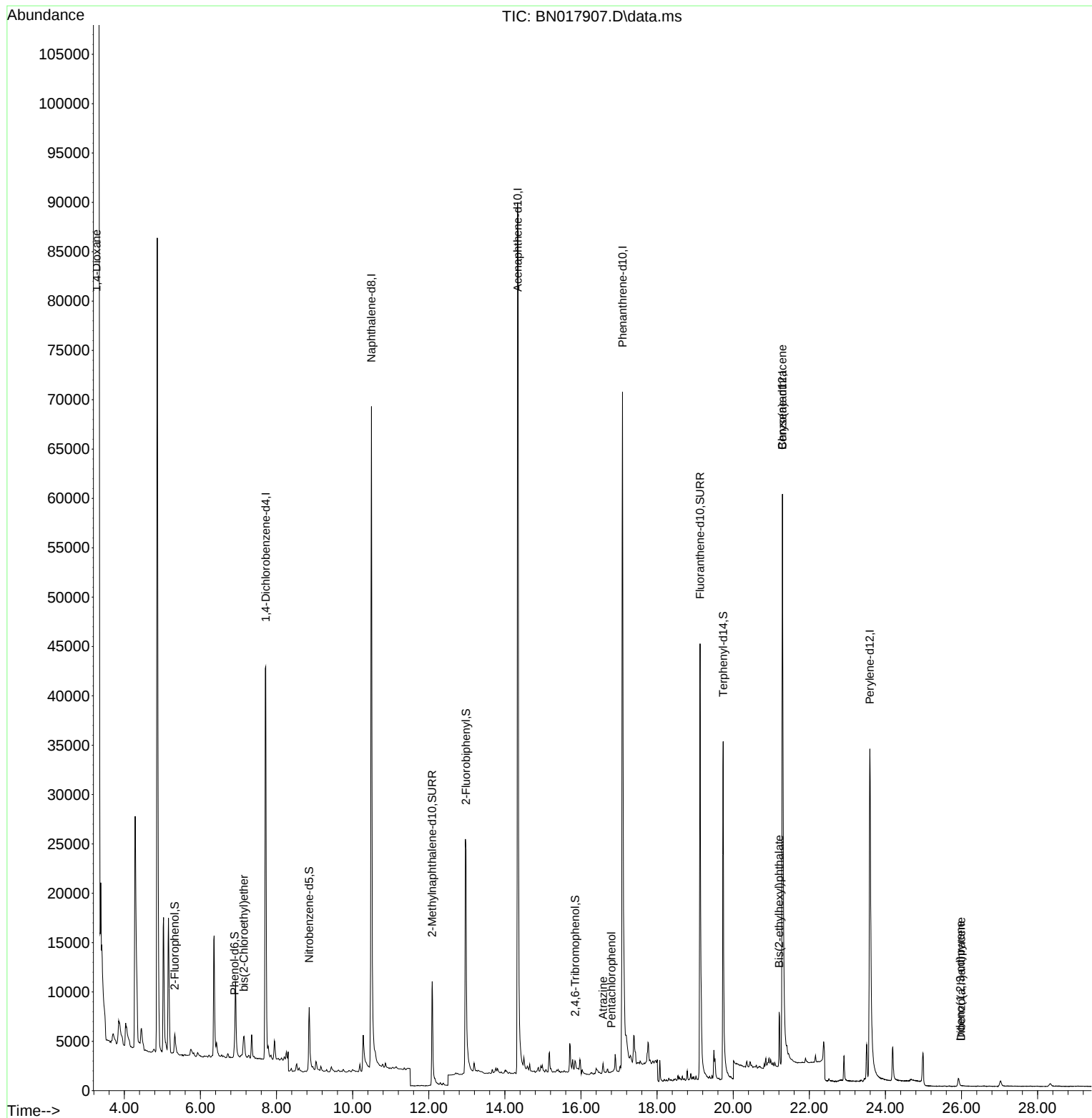
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26137	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	106064	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	68796	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	142547	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96727	0.400	ng	0.00
35) Perylene-d12	23.592	264	69829	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	2666	0.049	ng	0.00
5) Phenol-d6	6.894	99	1522	0.028	ng	0.00
8) Nitrobenzene-d5	8.859	82	7765	0.112	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	20137	0.108	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1467	0.372	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	29854	0.123	ng	0.01
27) Fluoranthene-d10	19.129	212	69983	0.151	ng	0.00
31) Terphenyl-d14	19.735	244	53665	0.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	31054	3.915	ng	95
6) bis(2-Chloroethyl)ether	7.143	93	1370	0.021	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.451	198	4	Below Cal	#	47
23) Atrazine	16.581	200	58	0.092	ng	# 1
24) Pentachlorophenol	16.800	266	6	0.084	ng	# 44
32) Benzo(a)anthracene	21.293	228	517	0.052	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.208	149	6211	0.060	ng	99
36) Indeno(1,2,3-cd)pyrene	25.971	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.988	278	1	0.101	ng	# 1

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

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Instrument :
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RE115D2-20211130DL

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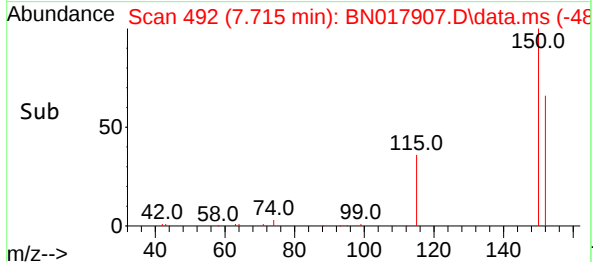
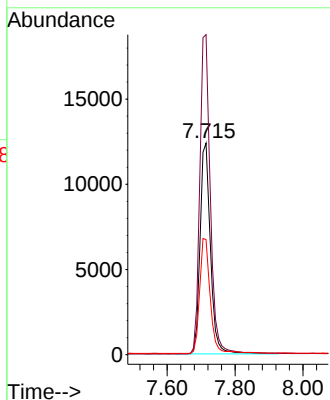
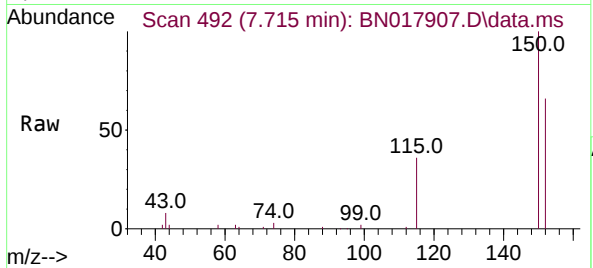




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21

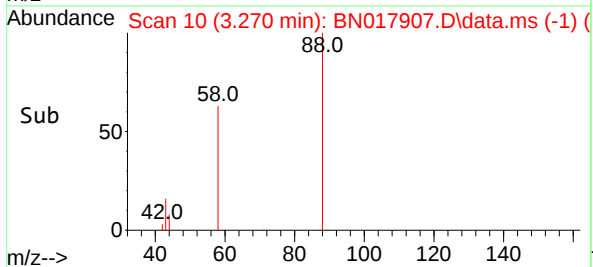
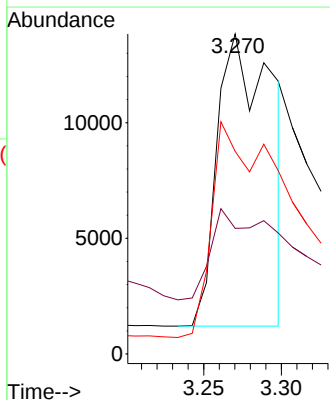
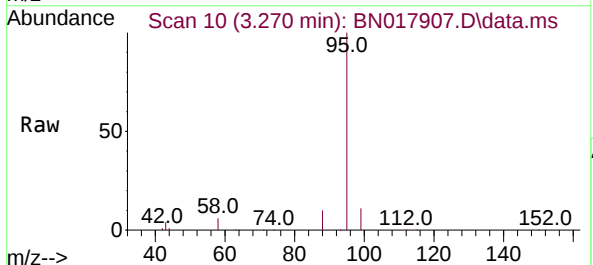
Instrument :
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 RE115D2-20211130DL

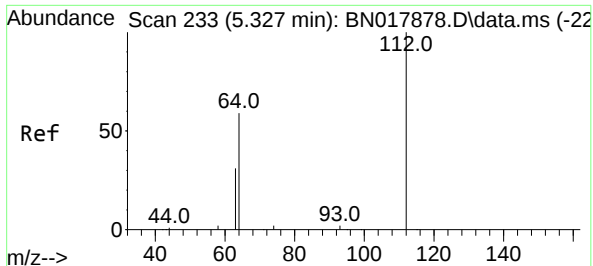
Tgt Ion:152 Resp: 26137
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.9 182.9
 115 54.4 44.1 66.1



#2
 1,4-Dioxane
 Concen: 3.915 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21

Tgt Ion: 88 Resp: 31054
 Ion Ratio Lower Upper
 88 100
 43 32.1 28.0 42.0
 58 76.9 65.4 98.0

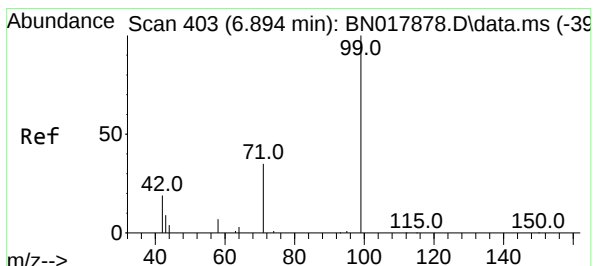
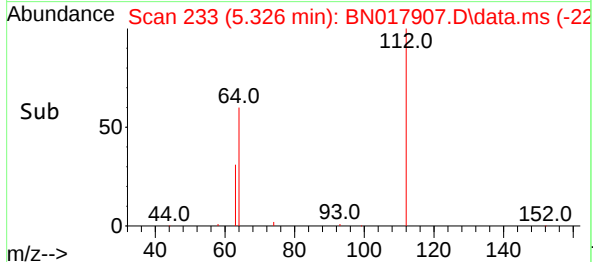
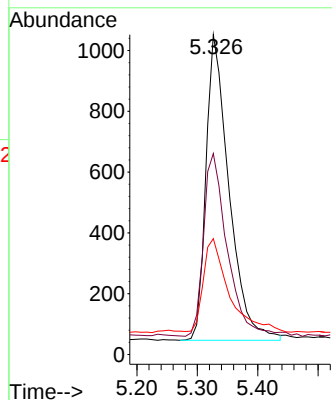
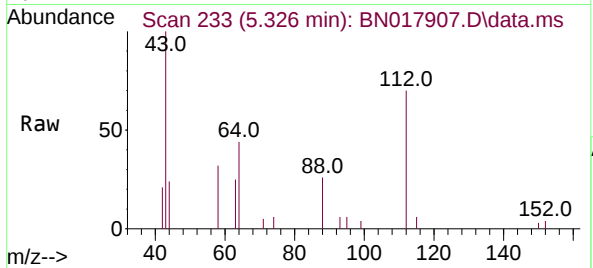




#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

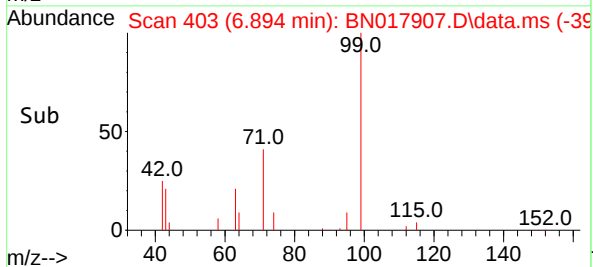
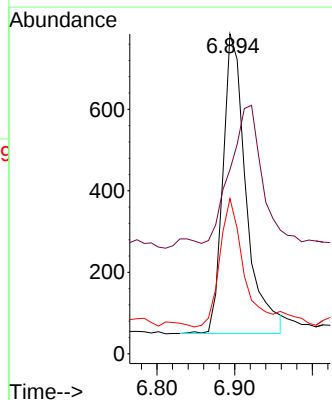
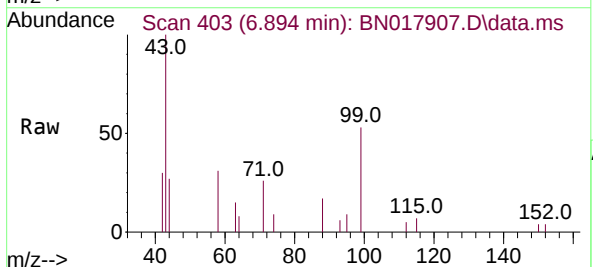
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL

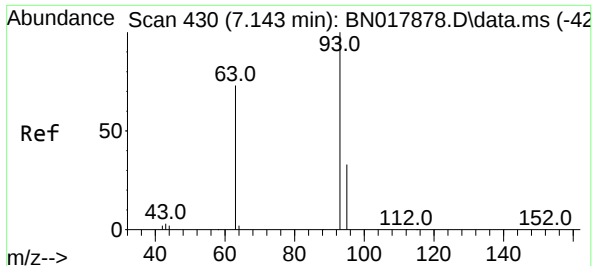
Tgt Ion:112 Resp: 2666
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 33.0 26.2 39.2



#5
Phenol-d6
Concen: 0.028 ng
RT: 6.894 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion: 99 Resp: 1522
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 44.2 28.0 42.0#

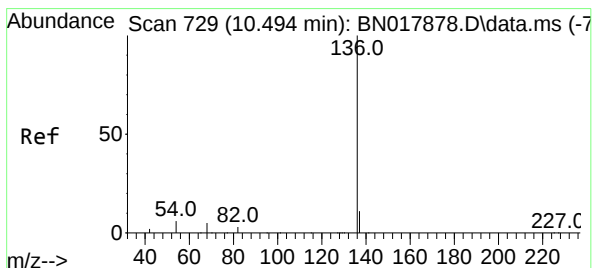
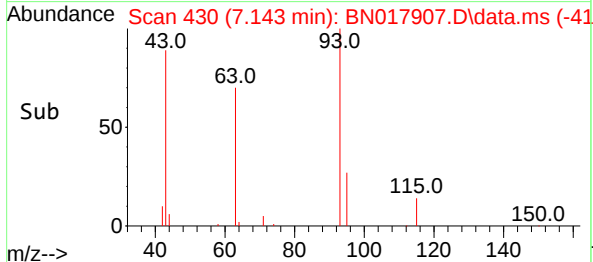
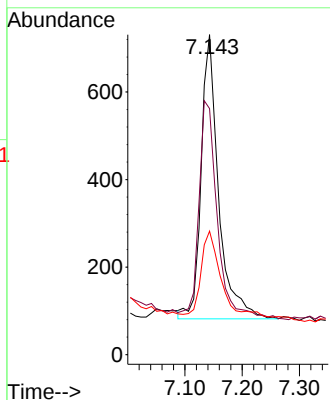
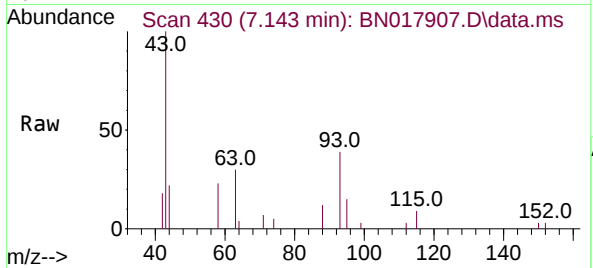




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

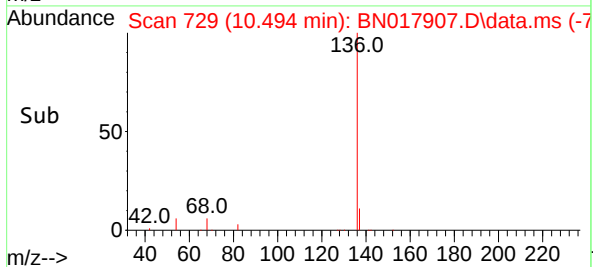
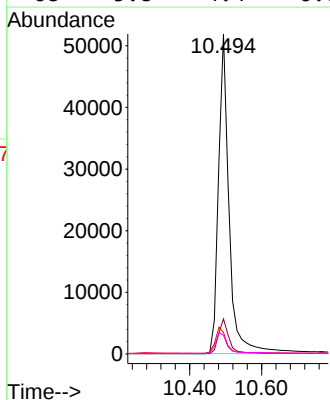
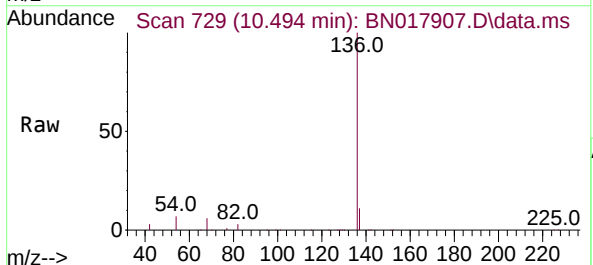
Instrument :
BNA_N
ClientSampleId :
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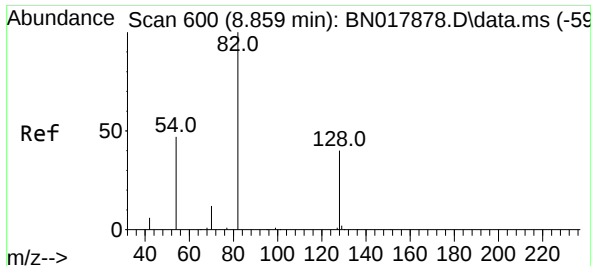
Tgt Ion: 93 Resp: 1370
Ion Ratio Lower Upper
93 100
63 83.0 62.0 93.0
95 42.4 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion: 136 Resp: 106064
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.1 7.7
68 5.8 4.4 6.6

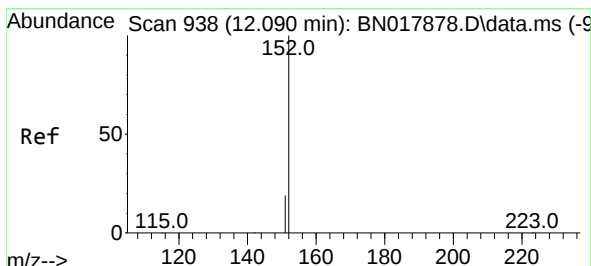
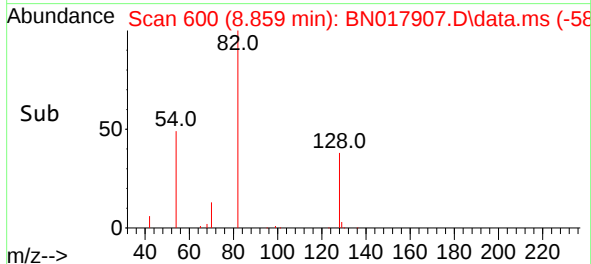
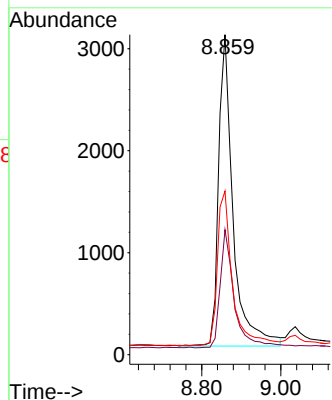
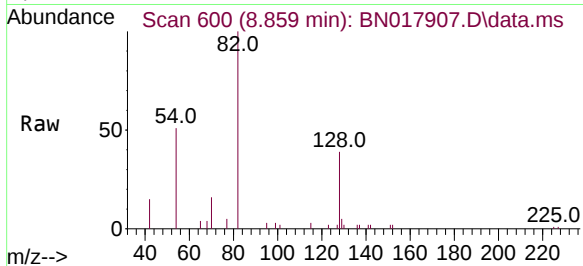




#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

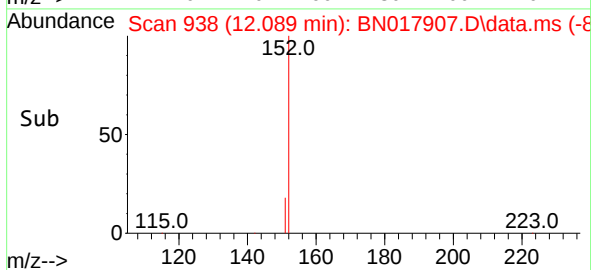
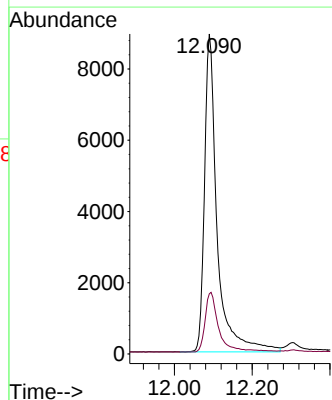
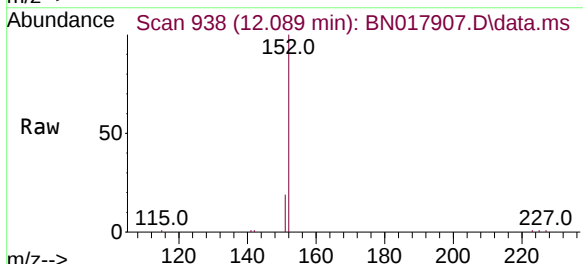
Instrument :
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RE115D2-20211130DL

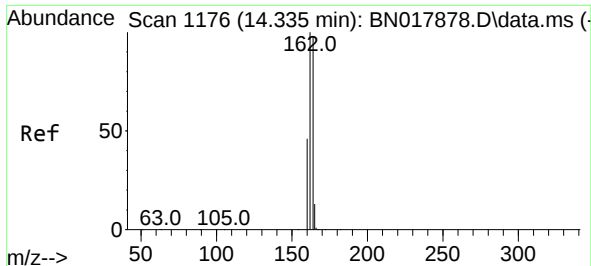
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.4
54	51.1	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.108 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

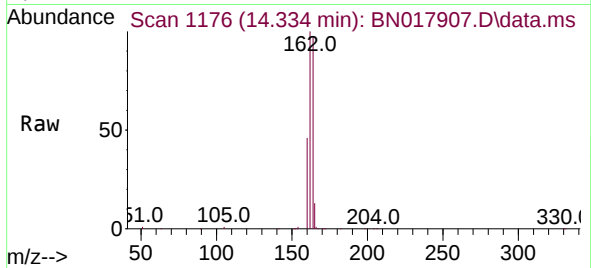
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6



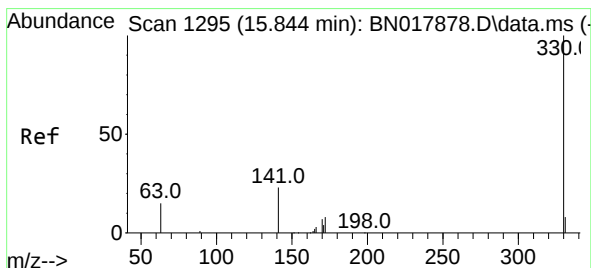
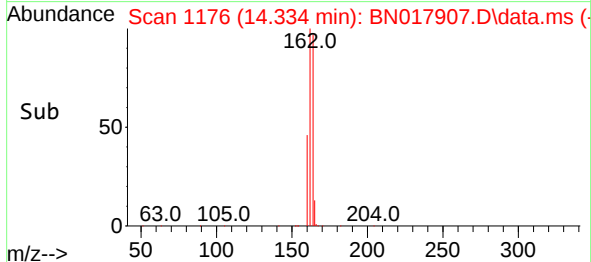
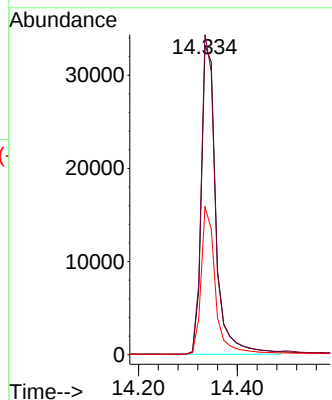


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL

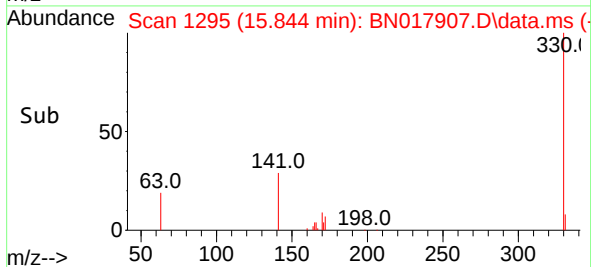
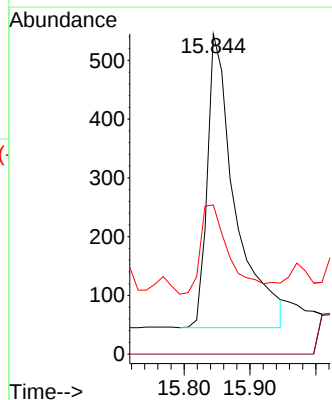
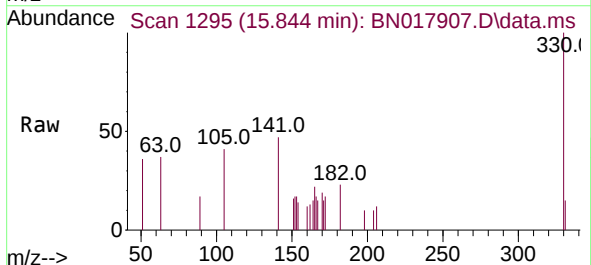


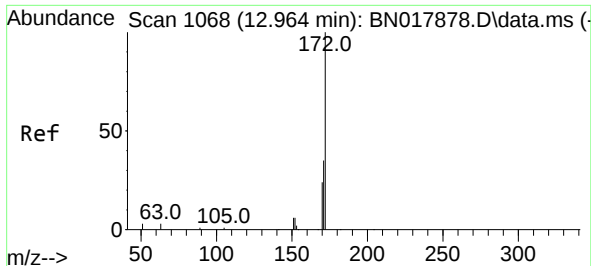
Tgt Ion:164 Resp: 68796
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 47.7 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion:330 Resp: 1467
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5

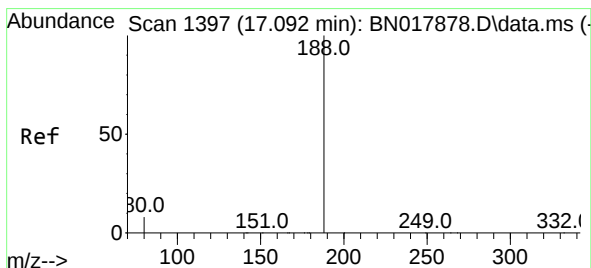
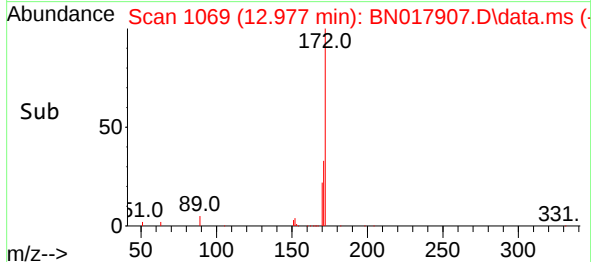
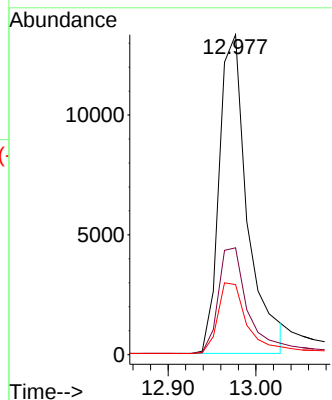
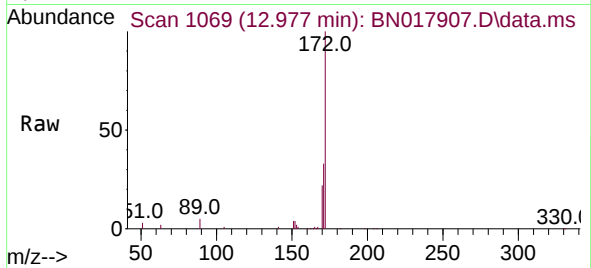




#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

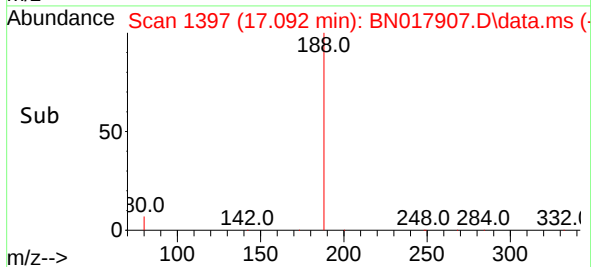
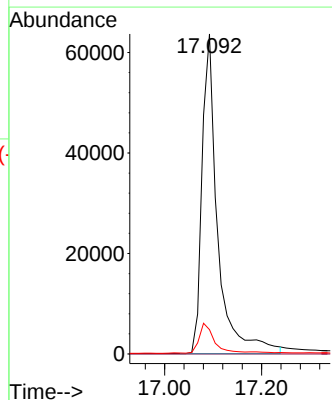
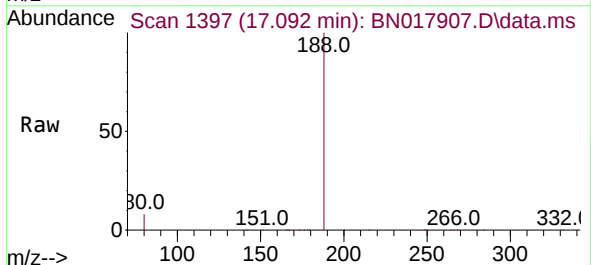
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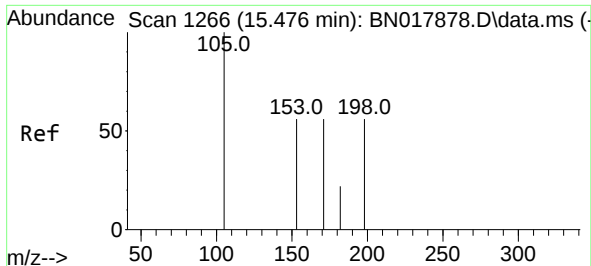
Tgt Ion:172 Resp: 29854
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 21.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion:188 Resp: 142547
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2

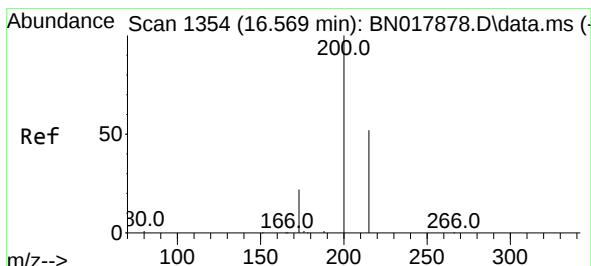
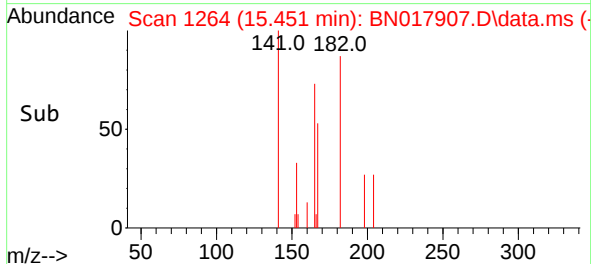
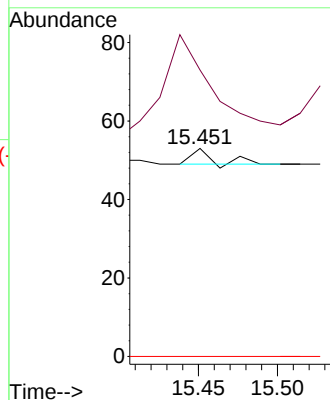
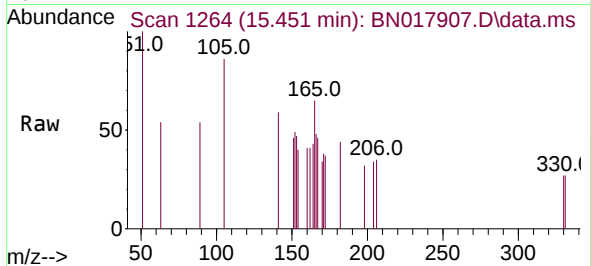




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

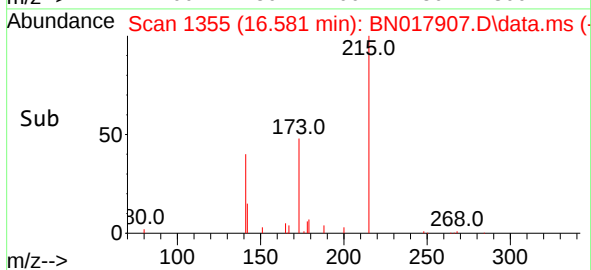
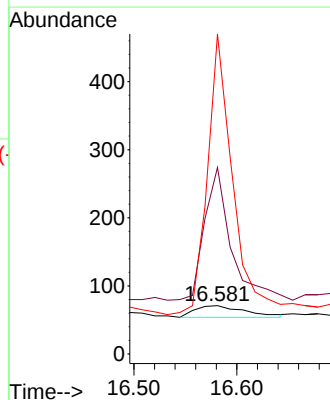
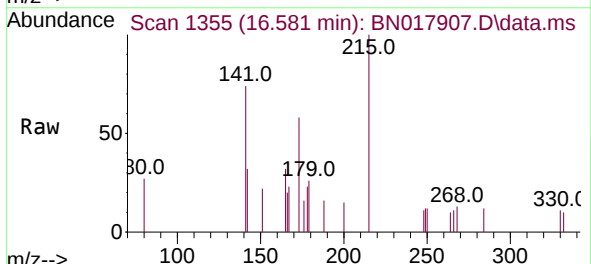
Instrument :
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RE115D2-20211130DL

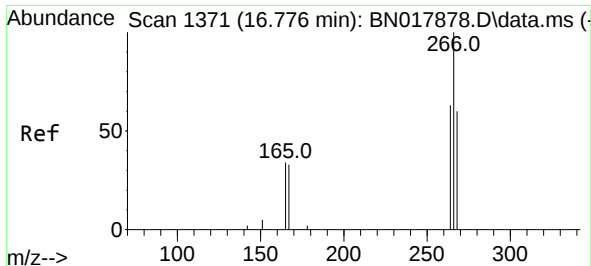
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 137.7 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.581 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

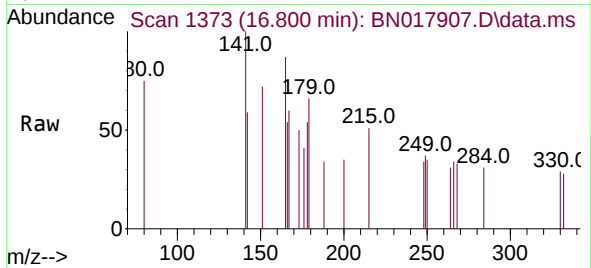
Tgt Ion:200 Resp: 58
Ion Ratio Lower Upper
200 100
173 385.9 18.2 27.2#
215 662.0 41.8 62.8#



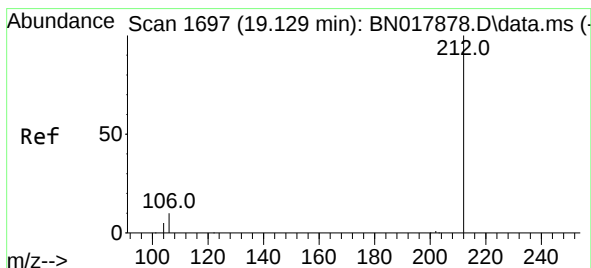
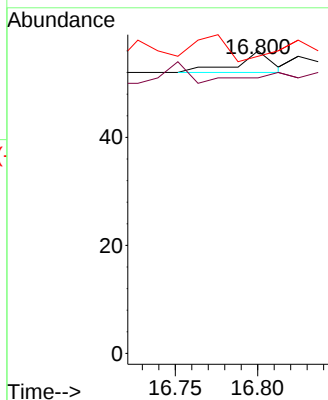
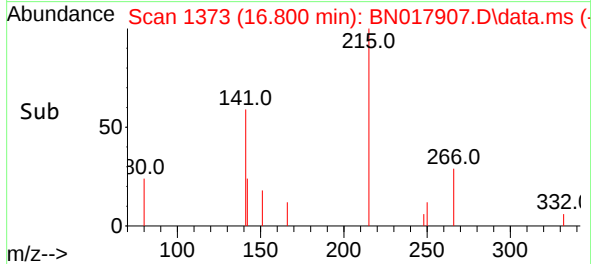


#24
Pentachlorophenol
Concen: 0.084 ng
RT: 16.800 min Scan# 11
Delta R.T. 0.024 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL

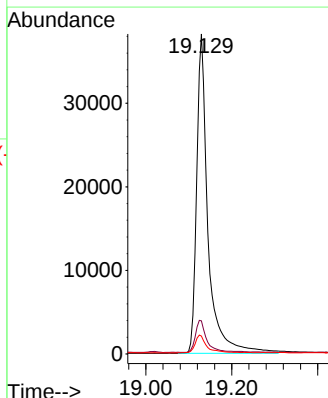
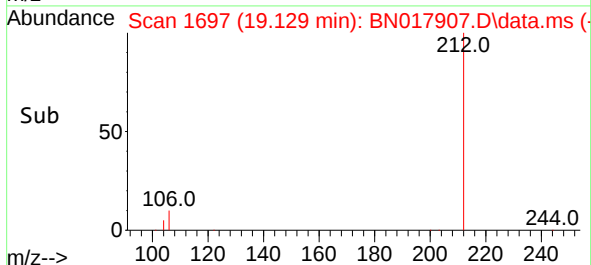
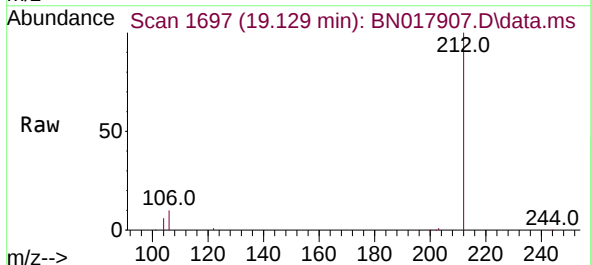


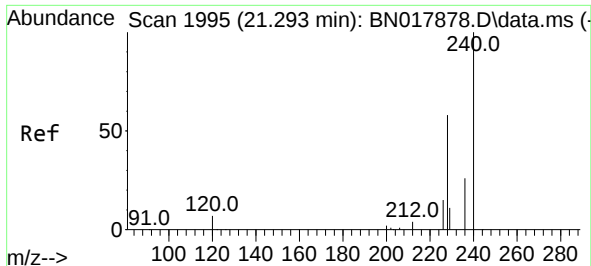
Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 83.3 50.6 76.0#
268 0.0 53.7 80.5#



#27
Fluoranthene-d10
Concen: 0.151 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion:212 Resp: 69983
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.9 4.6 6.8

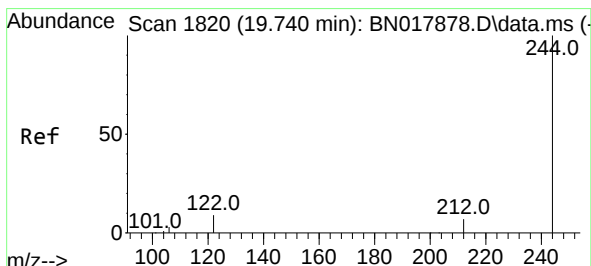
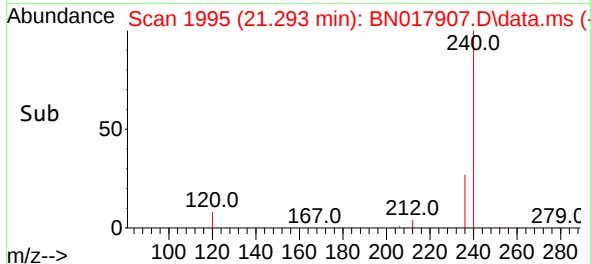
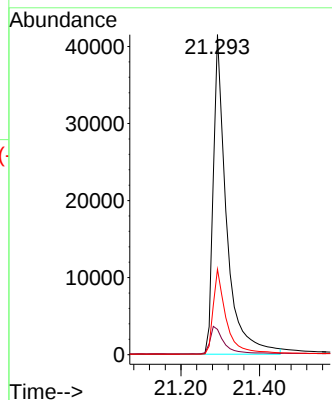
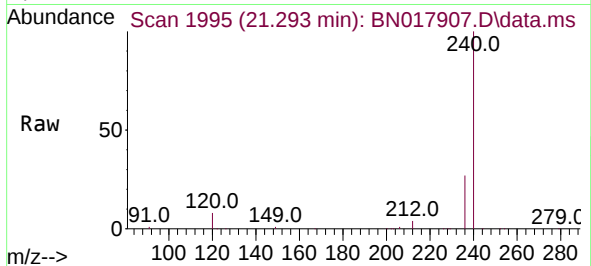




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

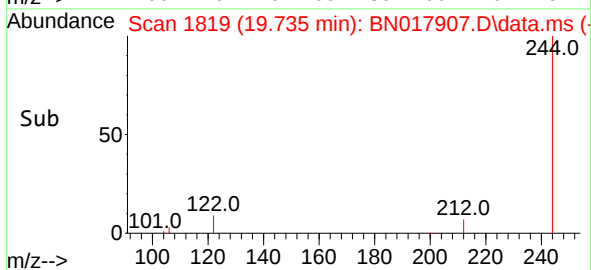
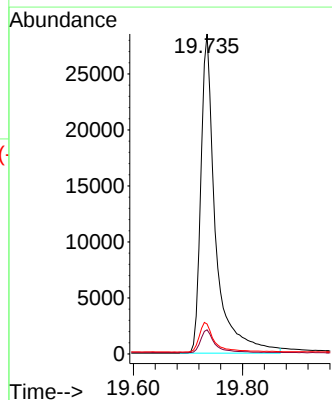
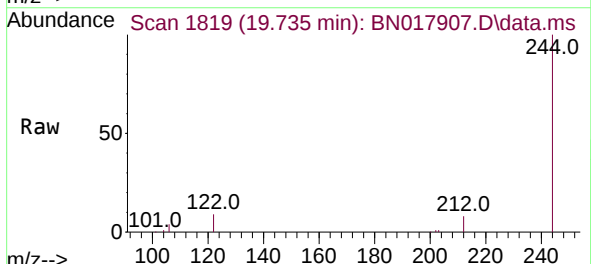
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL

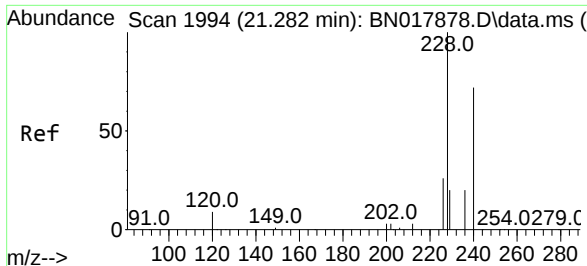
Tgt Ion:240 Resp: 96727
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 26.7 21.0 31.6



#31
Terphenyl-d14
Concen: 0.225 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Tgt Ion:244 Resp: 53665
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.4 7.5 11.3

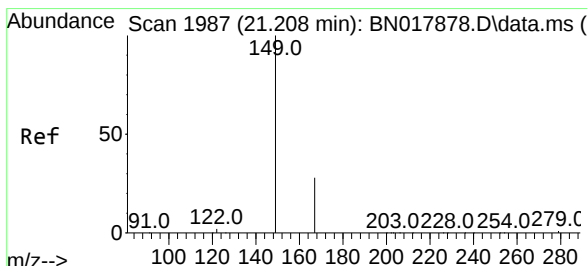
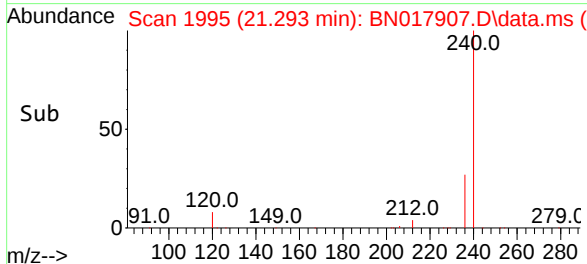
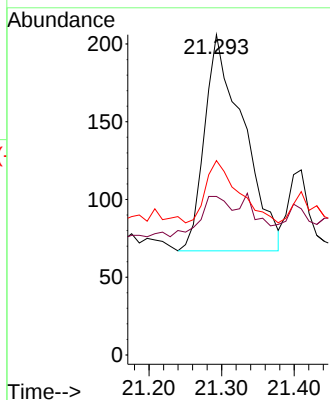
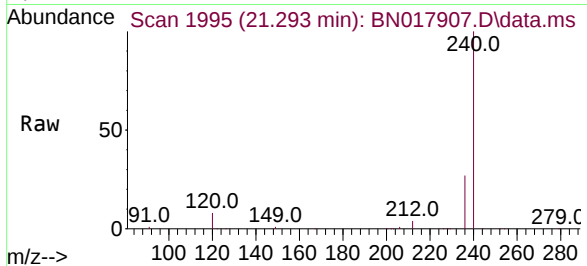




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.293 min Scan# 1994
Delta R.T. 0.011 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

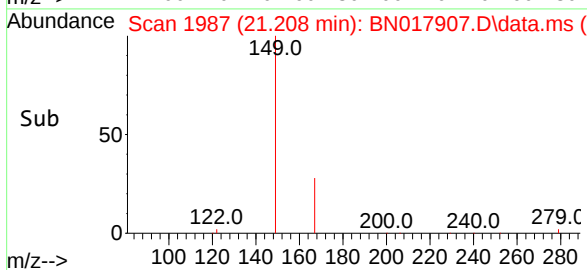
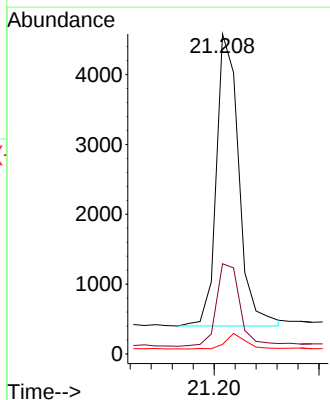
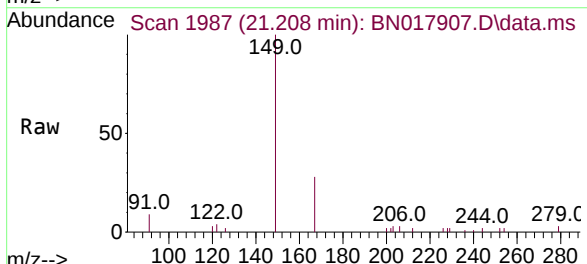
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL

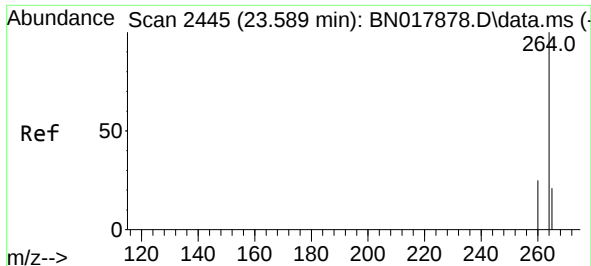
Tgt Ion:228 Resp: 517
Ion Ratio Lower Upper
228 100
226 49.5 21.0 31.4#
229 60.7 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

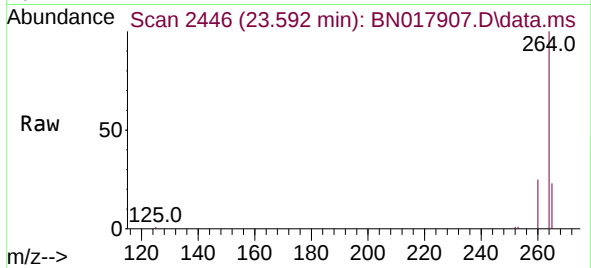
Tgt Ion:149 Resp: 6211
Ion Ratio Lower Upper
149 100
167 29.8 23.4 35.0
279 4.8 3.6 5.4



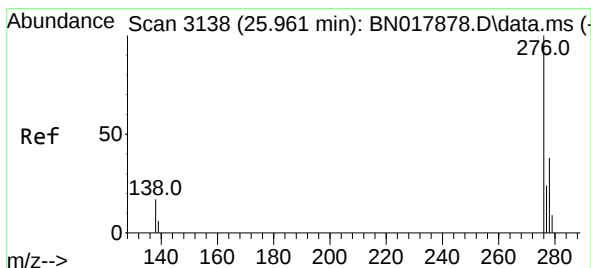
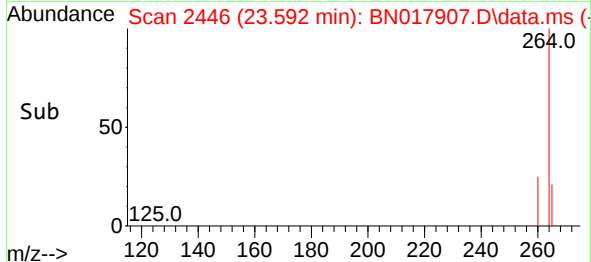
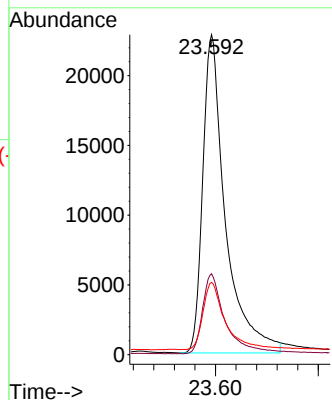


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2445
 Delta R.T. 0.003 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130DL

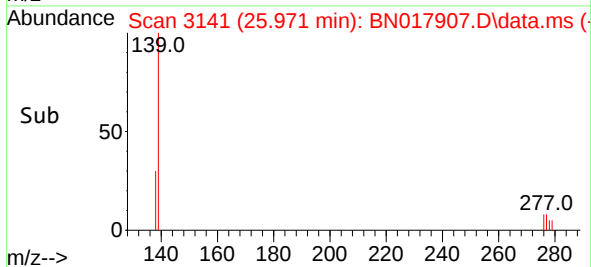
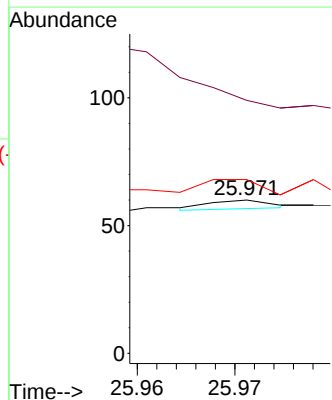
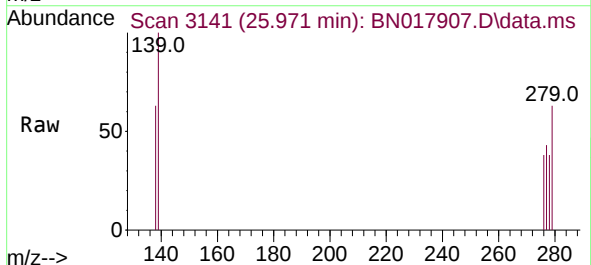


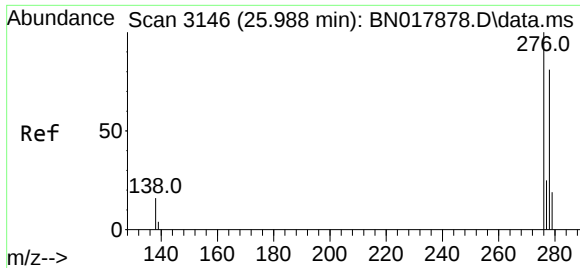
Tgt Ion:264 Resp: 69829
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 22.6 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.971 min Scan# 3141
 Delta R.T. 0.010 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 100.0 19.8 29.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.988 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN017907.D

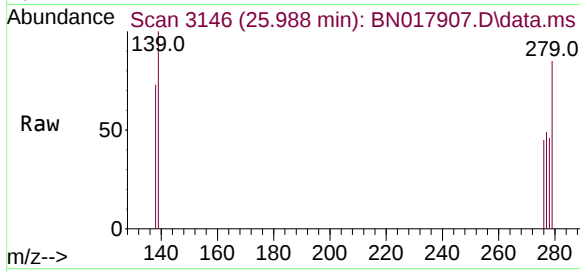
Acq: 11 Dec 2021 15:21

Instrument :

BNA_N

ClientSampleId :

RE115D2-20211130DL



Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 216.7 12.0 18.0#

279 185.0 20.8 31.2#

