

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017927.D
 Acq On : 12 Dec 2021 05:17
 Operator : CG/JU
 Sample : M4956-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20211204

Quant Time: Dec 13 00:03:03 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)

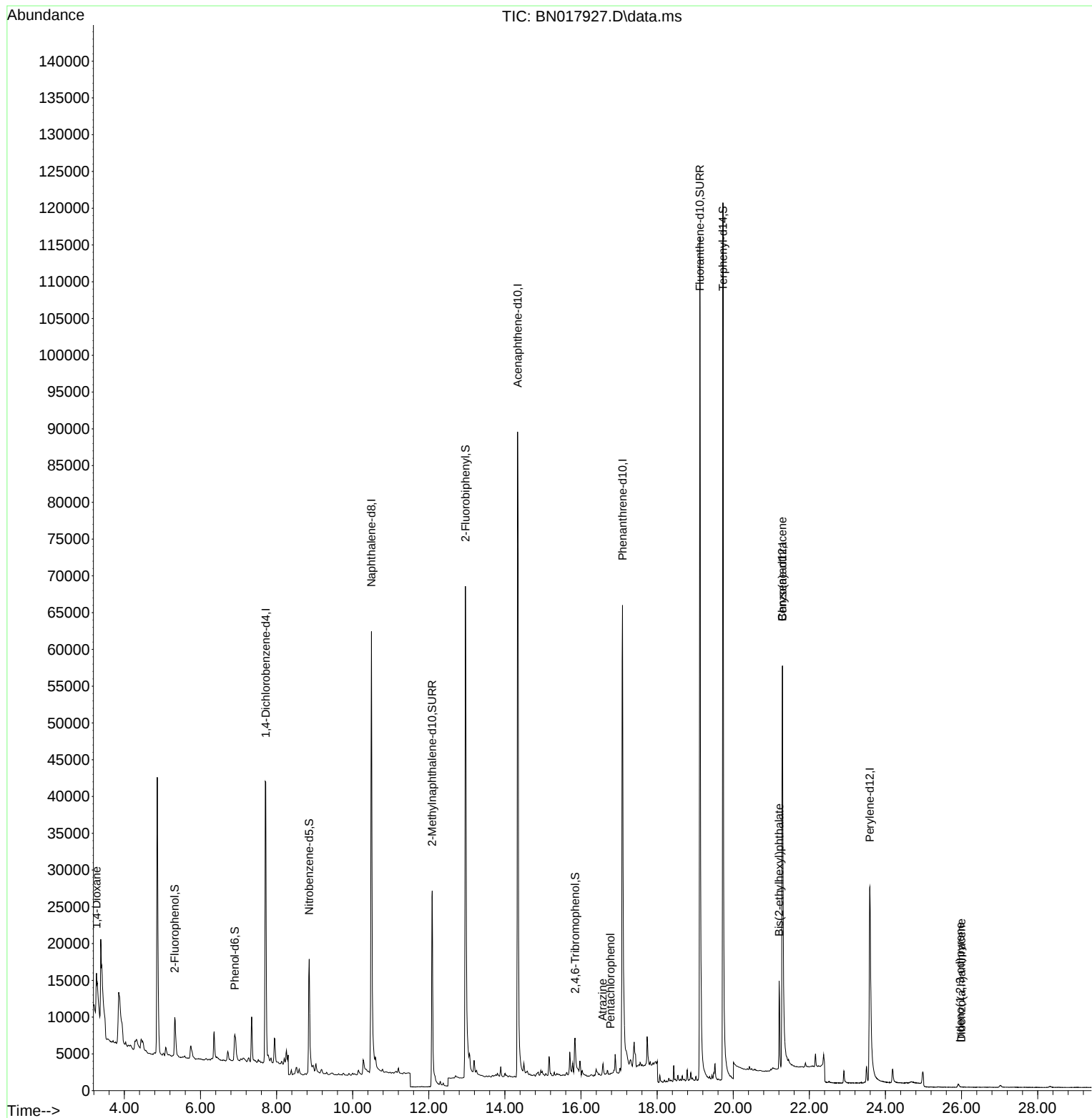
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	24666	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97738	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	64414	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	131276	0.400	ng	0.00
29) Chrysene-d12	21.293	240	89955	0.400	ng	0.00
35) Perylene-d12	23.592	264	57780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	6810	0.134	ng	0.00
5) Phenol-d6	6.903	99	3714	0.074	ng	0.00
8) Nitrobenzene-d5	8.859	82	18605	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	48515	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	7121	0.535	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	74829	0.330	ng	0.00
27) Fluoranthene-d10	19.124	212	165751	0.390	ng	0.00
31) Terphenyl-d14	19.730	244	163069	0.735	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	6263	0.837	ng	93
20) 4,6-Dinitro-2-methylph...	15.451	198	8	Below Cal	#	39
23) Atrazine	16.569	200	80	0.093	ng	# 1
24) Pentachlorophenol	16.776	266	15	0.089	ng	# 39
32) Benzo(a)anthracene	21.293	228	594	0.052	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.208	149	12395	0.128	ng	99
36) Indeno(1,2,3-cd)pyrene	25.964	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.991	278	5	0.101	ng	# 1

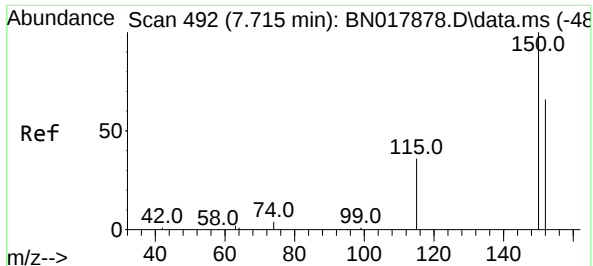
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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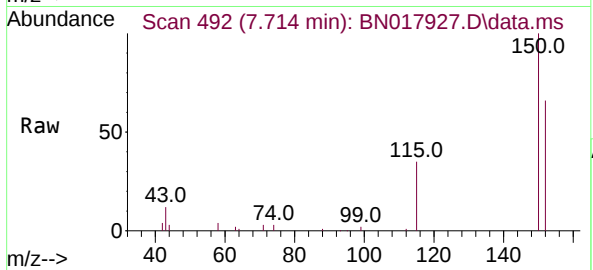
Quant Time: Dec 13 00:03:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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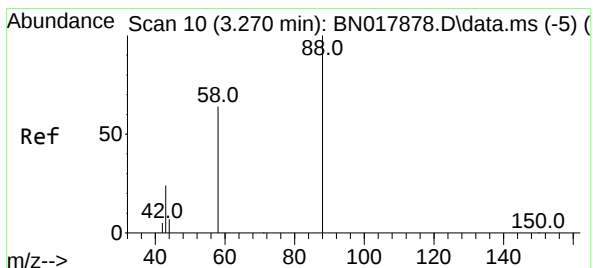
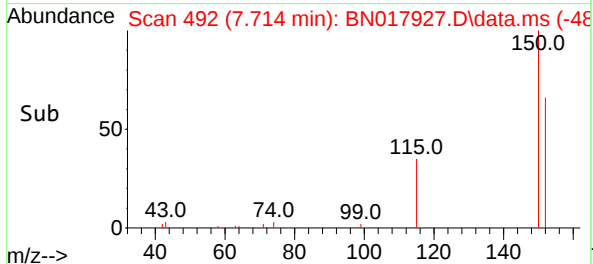
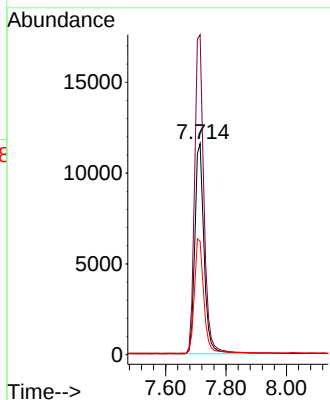


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20211204

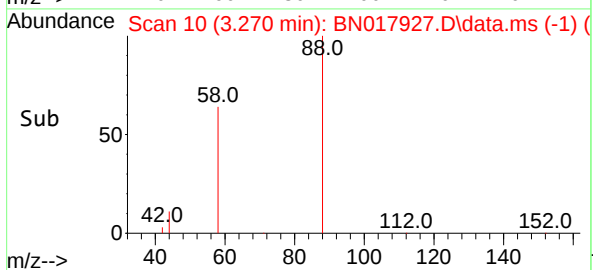
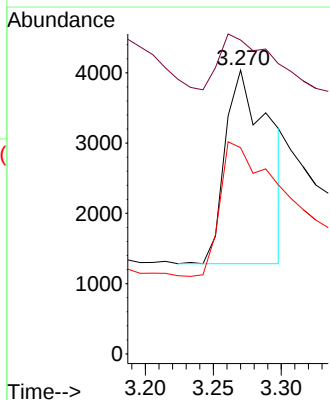
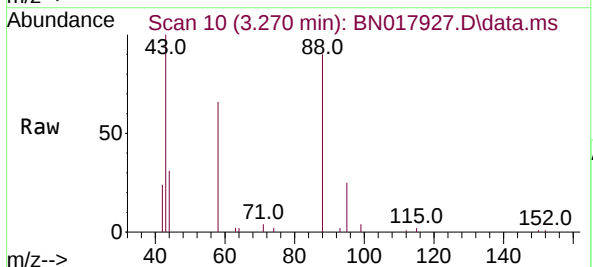


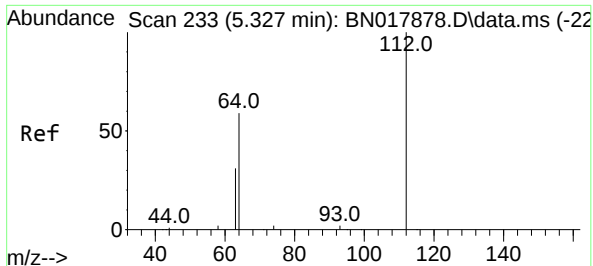
Tgt Ion:152 Resp: 24666
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.9 182.9
 115 53.7 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.837 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

Tgt Ion: 88 Resp: 6263
 Ion Ratio Lower Upper
 88 100
 43 29.4 28.0 42.0
 58 76.5 65.4 98.0

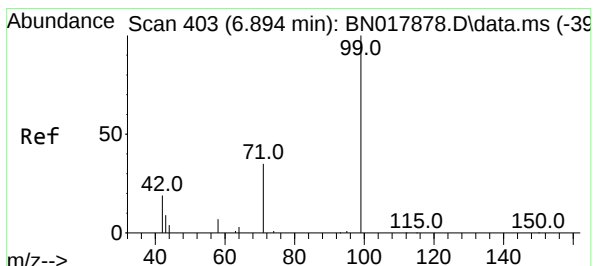
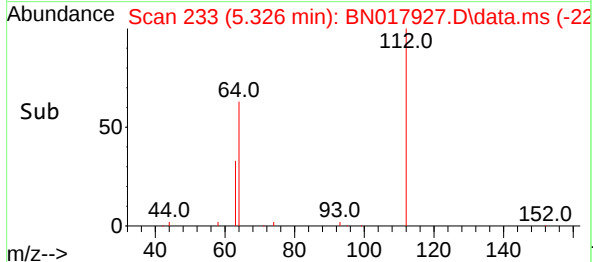
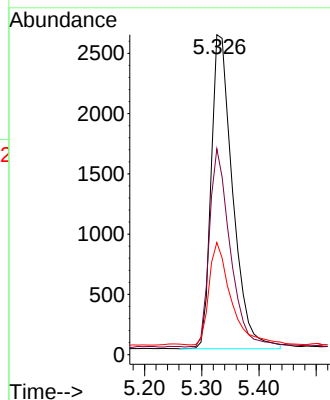
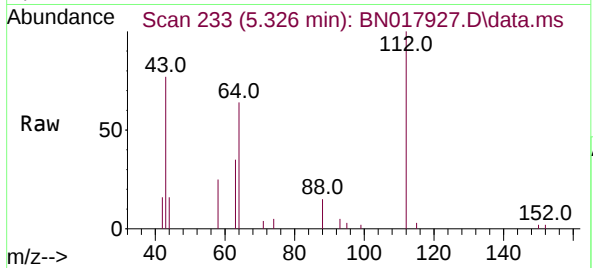




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

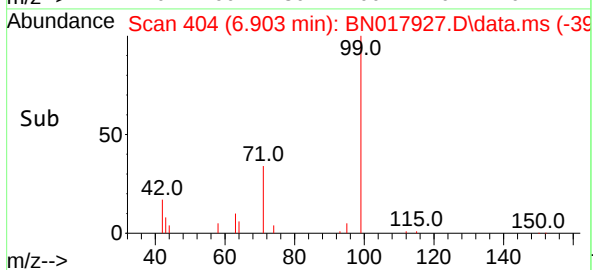
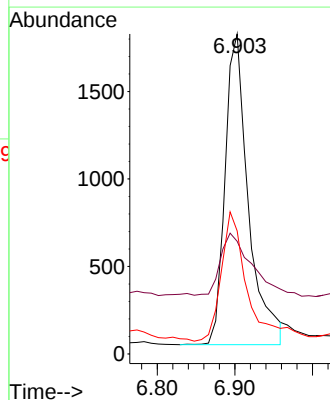
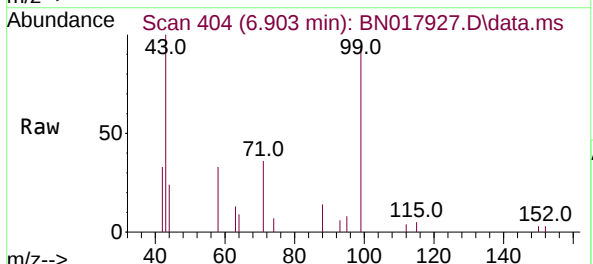
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204

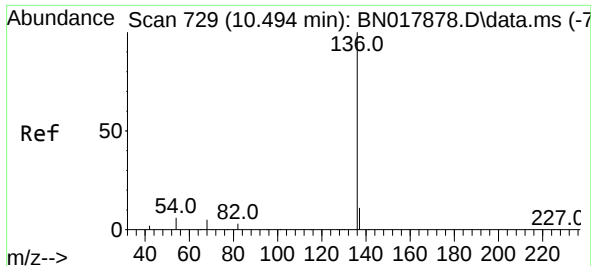
Tgt Ion:112 Resp: 6810
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 33.2 26.2 39.2



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion: 99 Resp: 3714
Ion Ratio Lower Upper
99 100
42 25.6 17.0 25.4#
71 44.3 28.0 42.0#

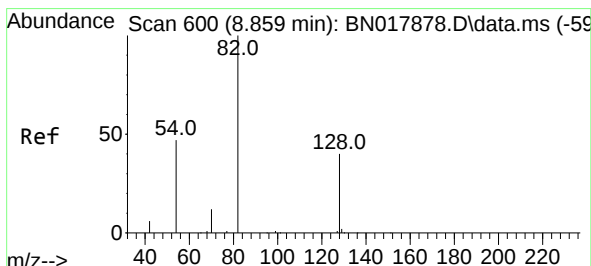
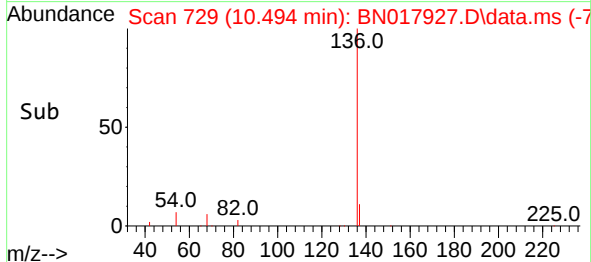
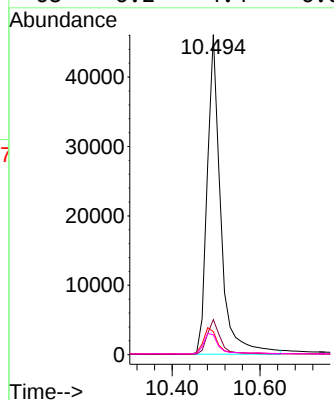
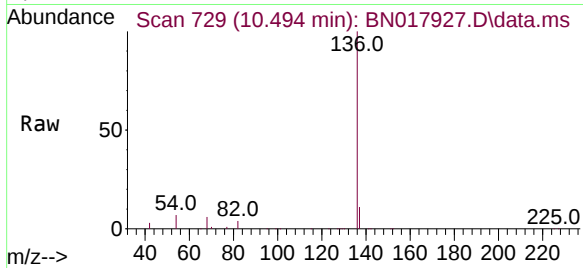




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

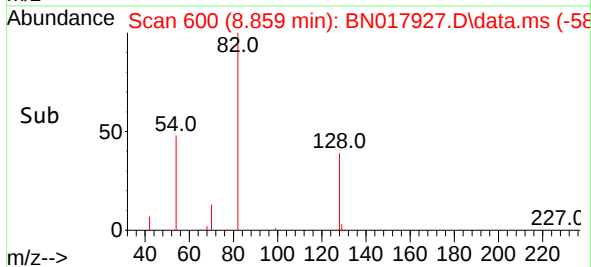
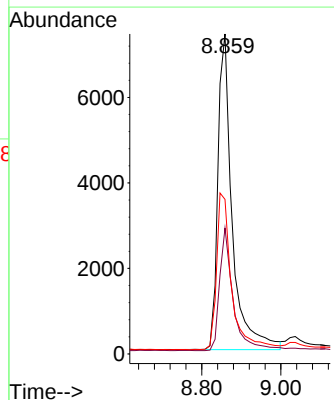
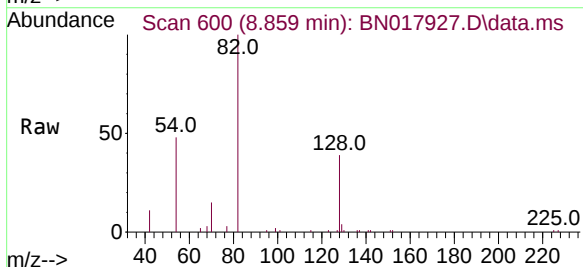
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204

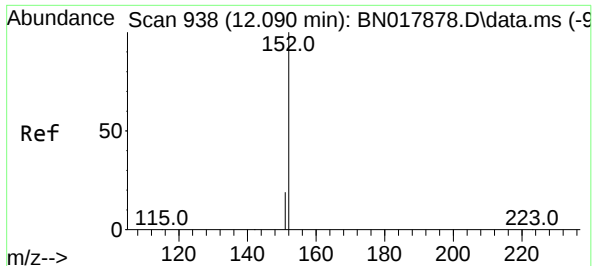
Tgt Ion:	136	Resp:	97738
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.2	5.1	7.7
68	6.2	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:	82	Resp:	18605
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.2	48.4
54	48.3	37.6	56.4

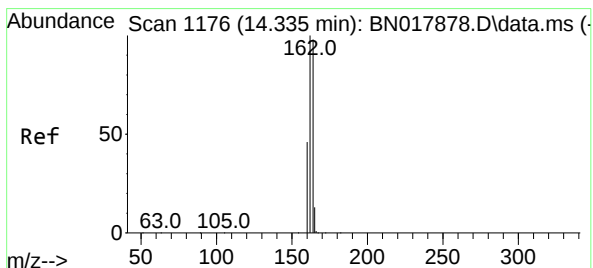
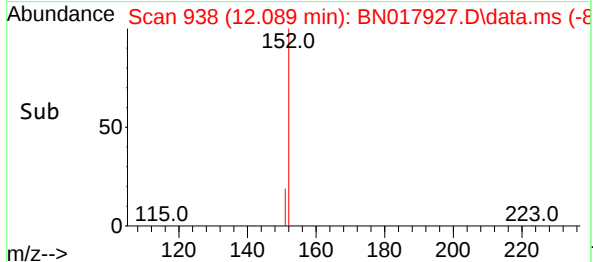
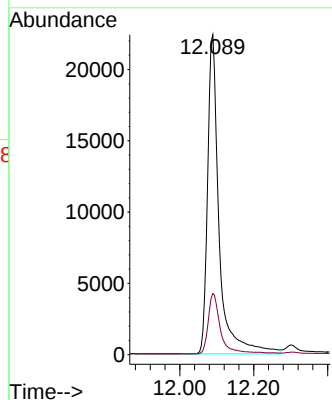
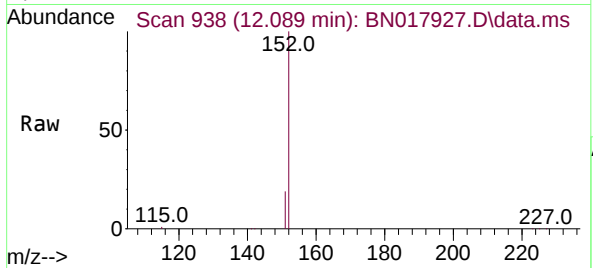




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

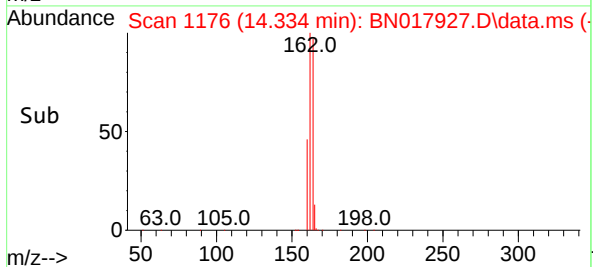
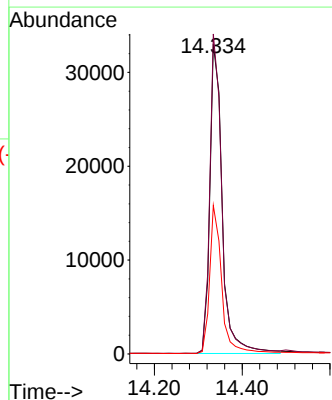
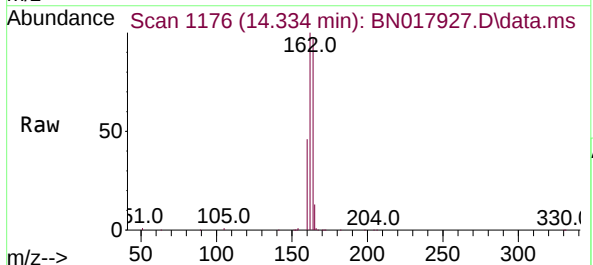
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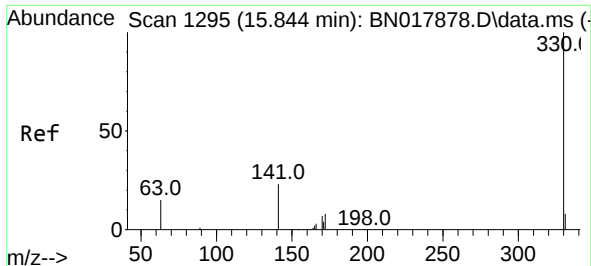
Tgt Ion:152 Resp: 48515
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:164 Resp: 64414
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 48.0 38.2 57.2

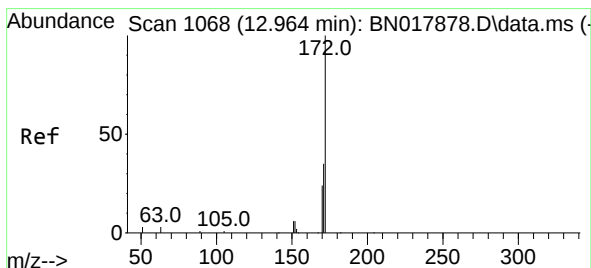
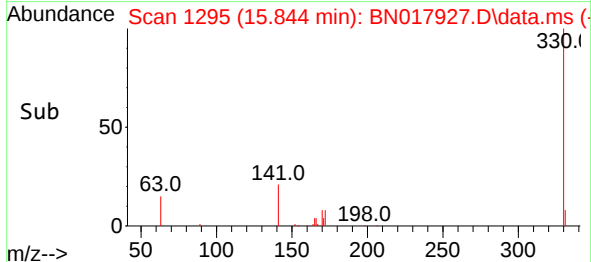
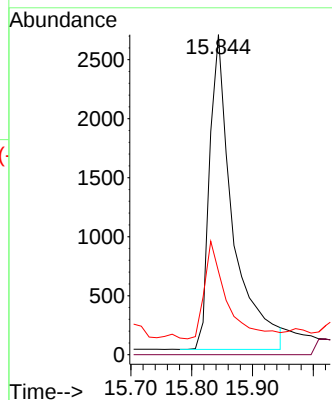
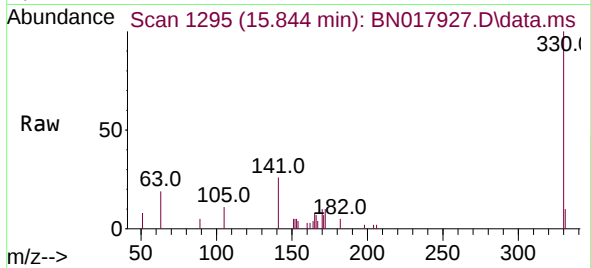




#14
 2,4,6-Tribromophenol
 Concen: 0.535 ng
 RT: 15.844 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

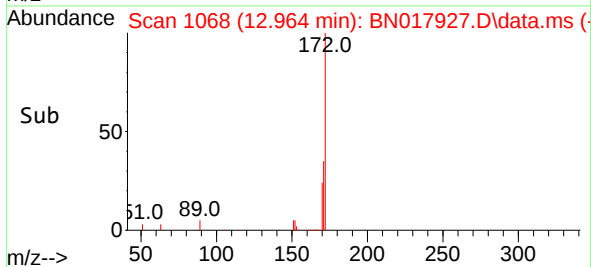
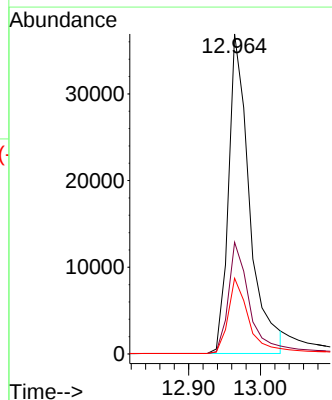
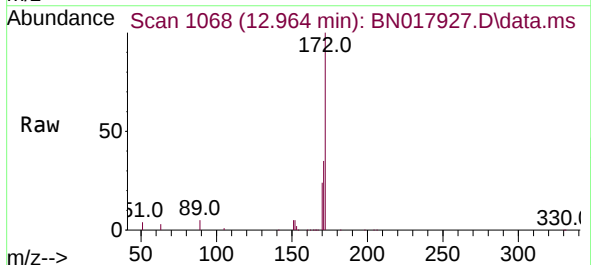
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 ClientSampleId :
 RE123D2-20211204

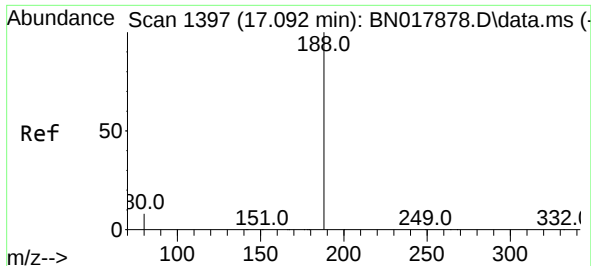
Tgt Ion: 330 Resp: 7121
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 29.8 19.7 29.5#



#15
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 12.964 min Scan# 1068
 Delta R.T. -0.000 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

Tgt Ion: 172 Resp: 74829
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.7 19.1 28.7

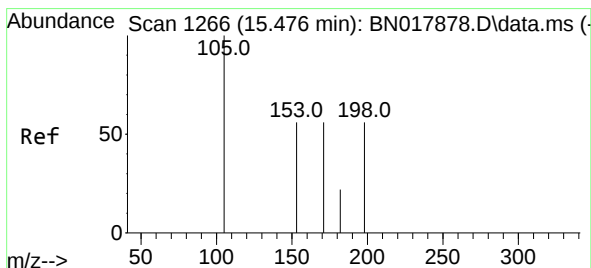
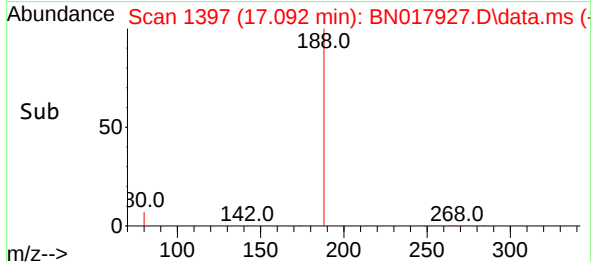
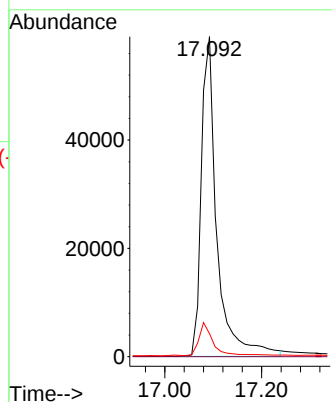
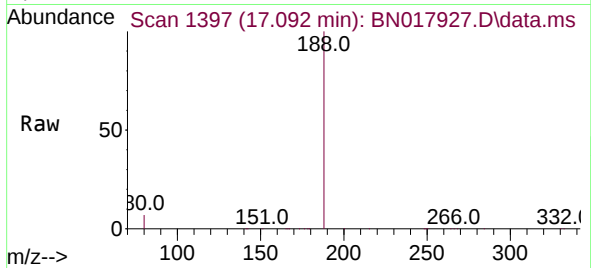




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

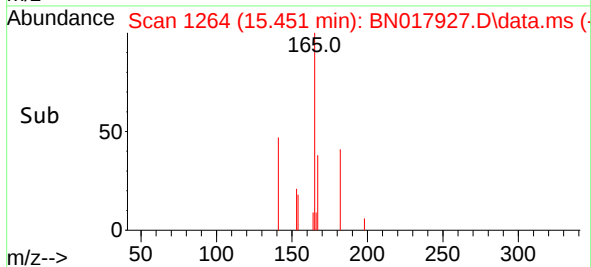
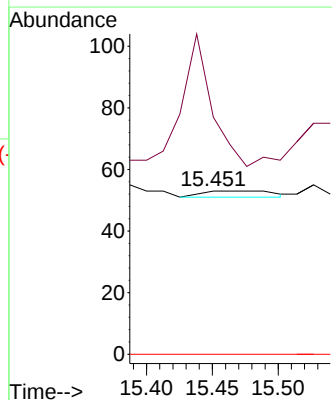
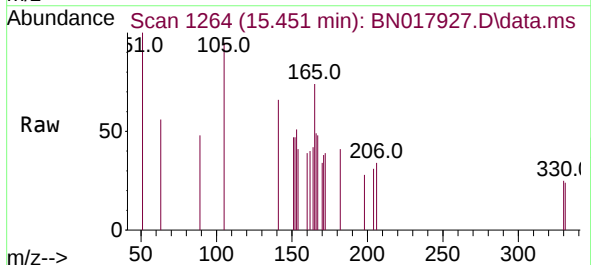
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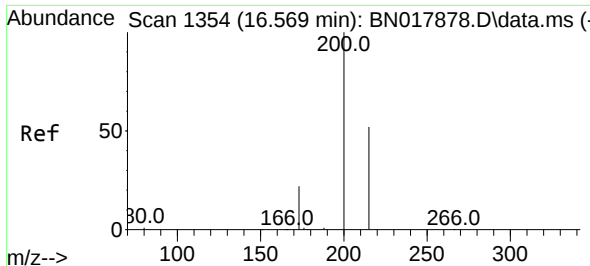
Tgt Ion:188 Resp: 131276
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 145.3 70.8 106.2#
77 0.0 0.0 0.0

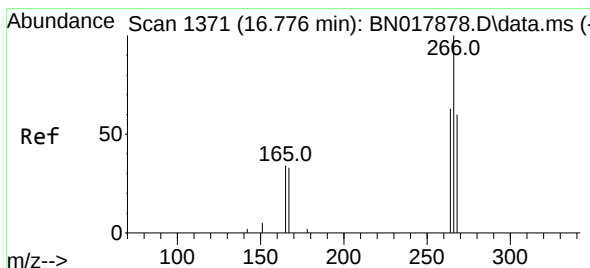
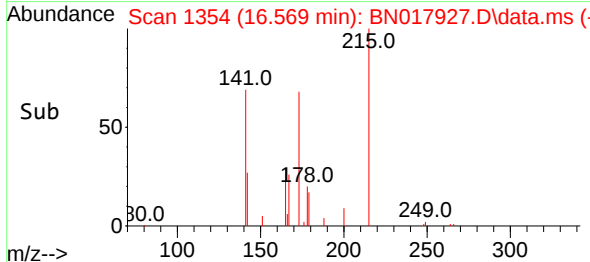
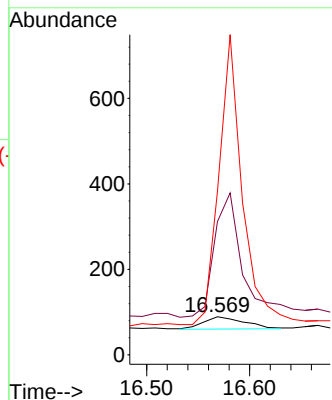
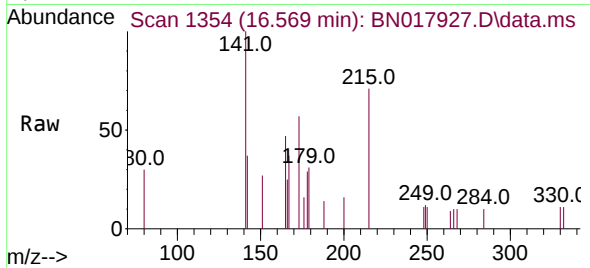




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.569 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

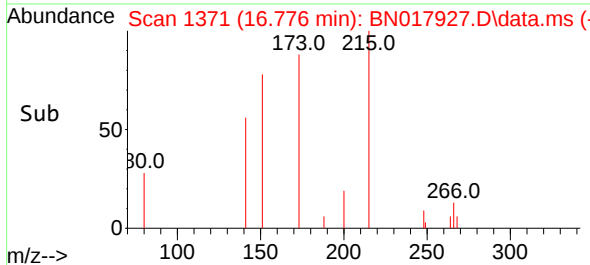
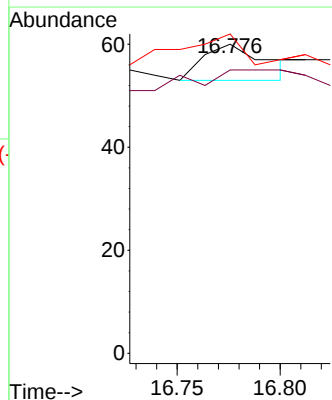
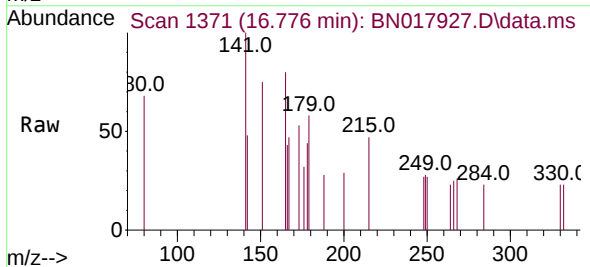
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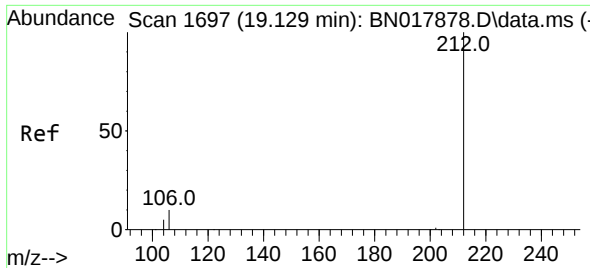
Tgt Ion:200 Resp: 80
 Ion Ratio Lower Upper
 200 100
 173 350.6 18.2 27.2#
 215 430.3 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.089 ng
 RT: 16.776 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 106.7 50.6 76.0#
 268 120.0 53.7 80.5#

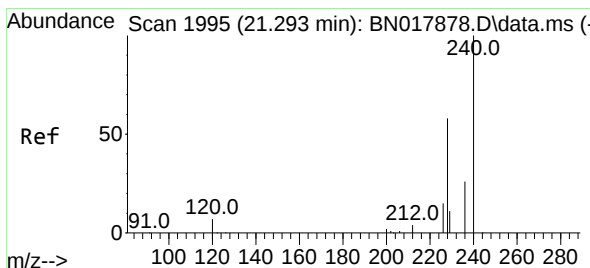
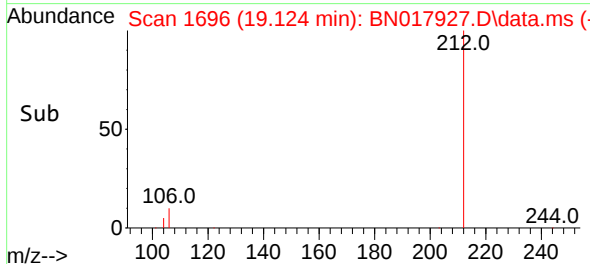
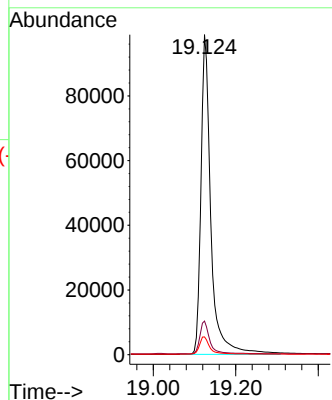
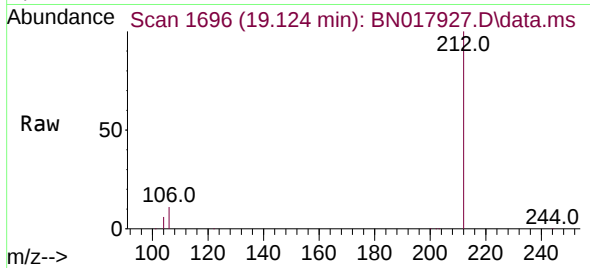




#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

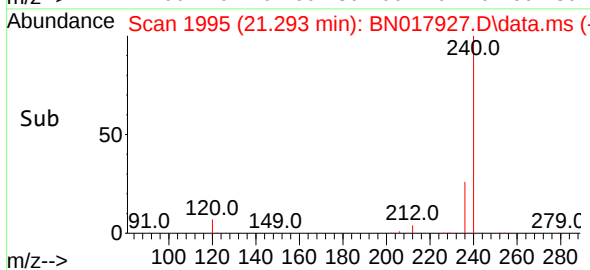
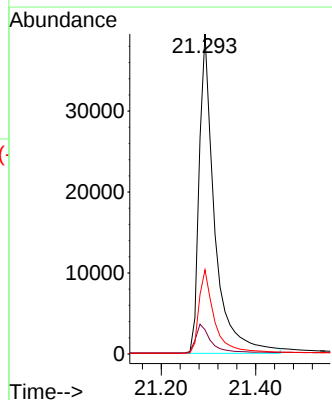
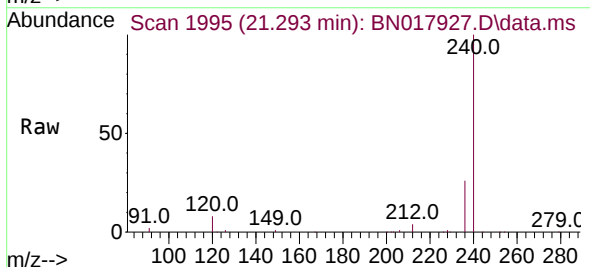
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204

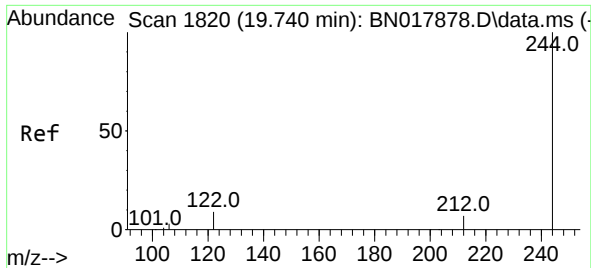
Tgt Ion:212 Resp: 165751
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:240 Resp: 89955
Ion Ratio Lower Upper
240 100
120 7.6 5.8 8.8
236 26.3 21.0 31.6

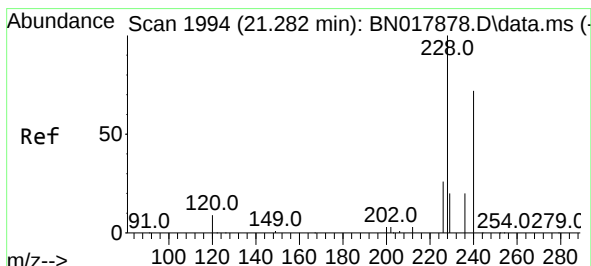
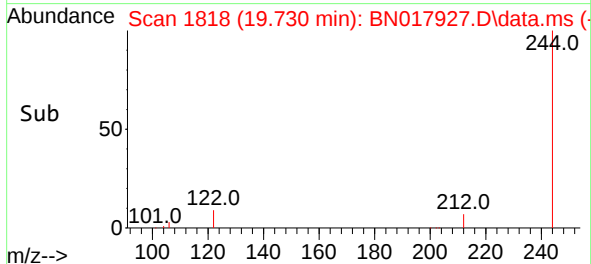
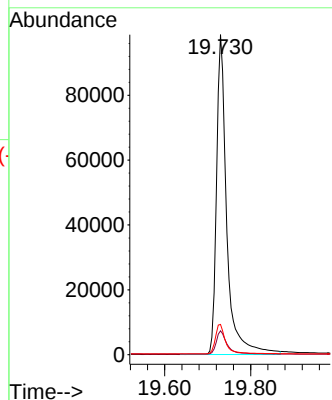
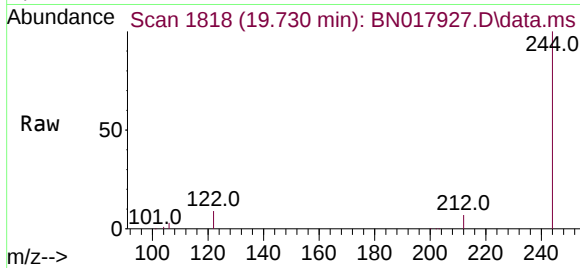




#31
 Terphenyl-d14
 Concen: 0.735 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

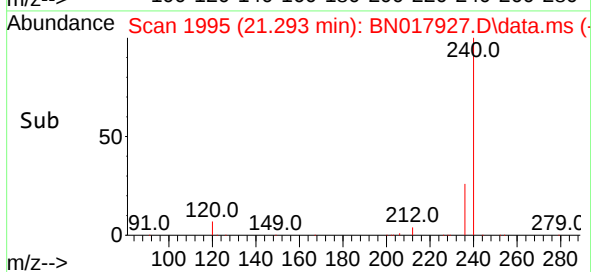
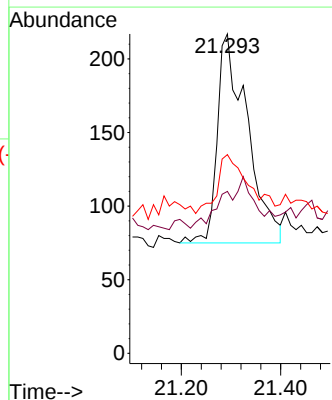
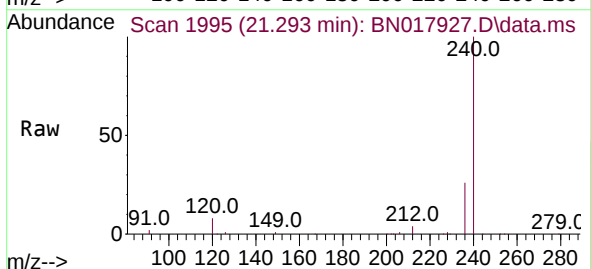
Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20211204

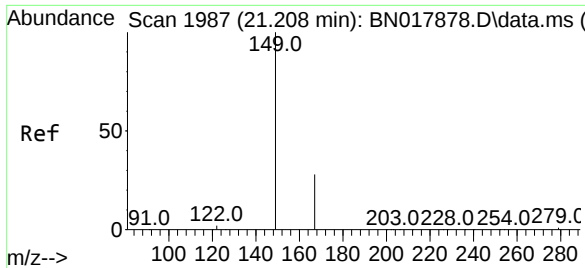
Tgt Ion:244 Resp: 163069
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.4 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017927.D
 Acq: 12 Dec 2021 05:17

Tgt Ion:228 Resp: 594
 Ion Ratio Lower Upper
 228 100
 226 50.7 21.0 31.4#
 229 62.2 15.8 23.8#

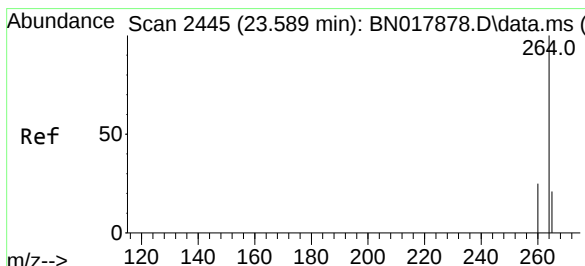
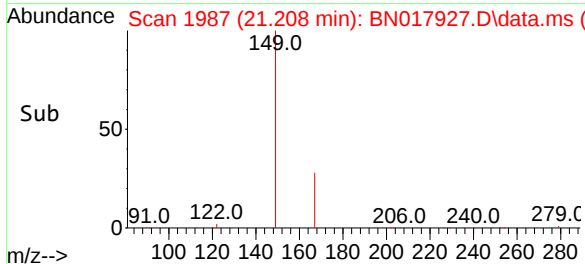
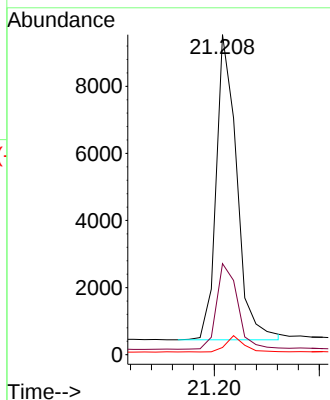
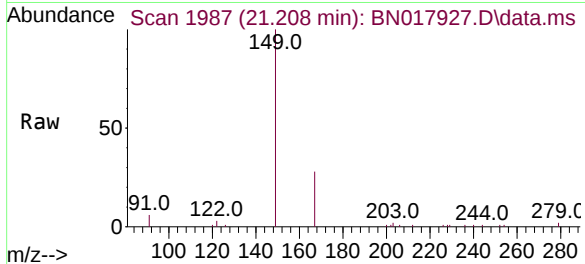




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

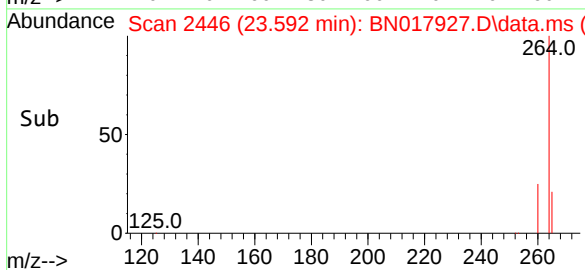
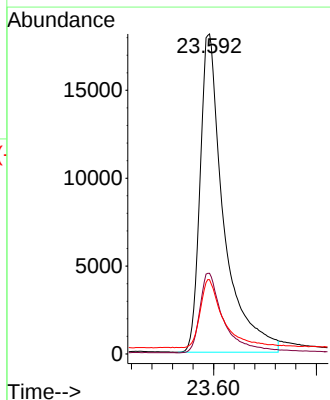
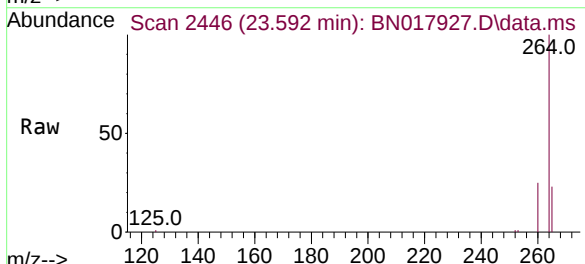
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204

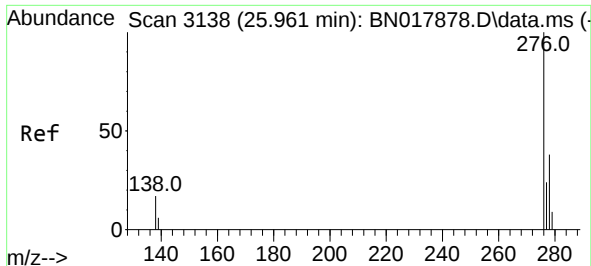
Tgt Ion:	149	Resp:	12395
Ion Ratio	Lower	Upper	
149	100		
167	28.9	23.4	35.0
279	4.7	3.6	5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:	264	Resp:	57780
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.2	30.4
265	23.2	18.2	27.4

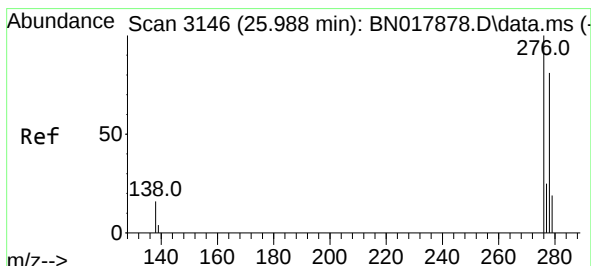
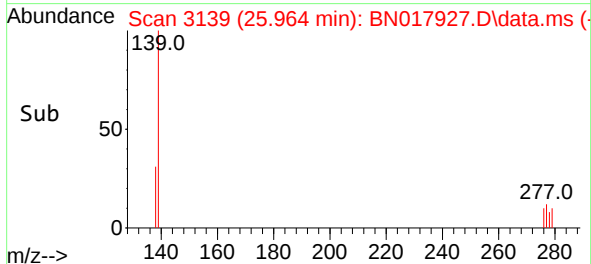
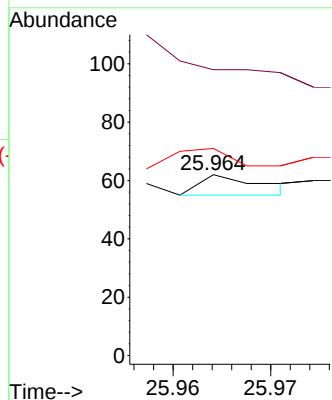
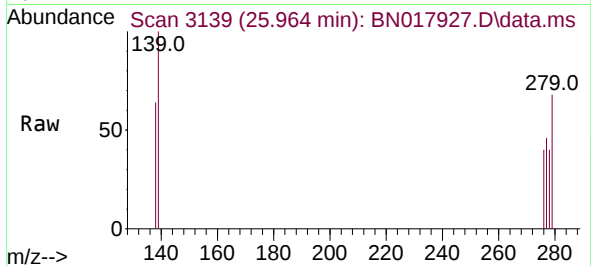




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.964 min Scan# 3138
Delta R.T. 0.003 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 133.3 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.991 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

Tgt Ion:278 Resp: 5
Ion Ratio Lower Upper
278 100
139 195.2 12.0 18.0#
279 160.3 20.8 31.2#

