

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017966.D
 Acq On : 13 Dec 2021 11:24
 Operator : CG/JU
 Sample : M4923-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20211202

Quant Time: Dec 14 03:40:21 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)

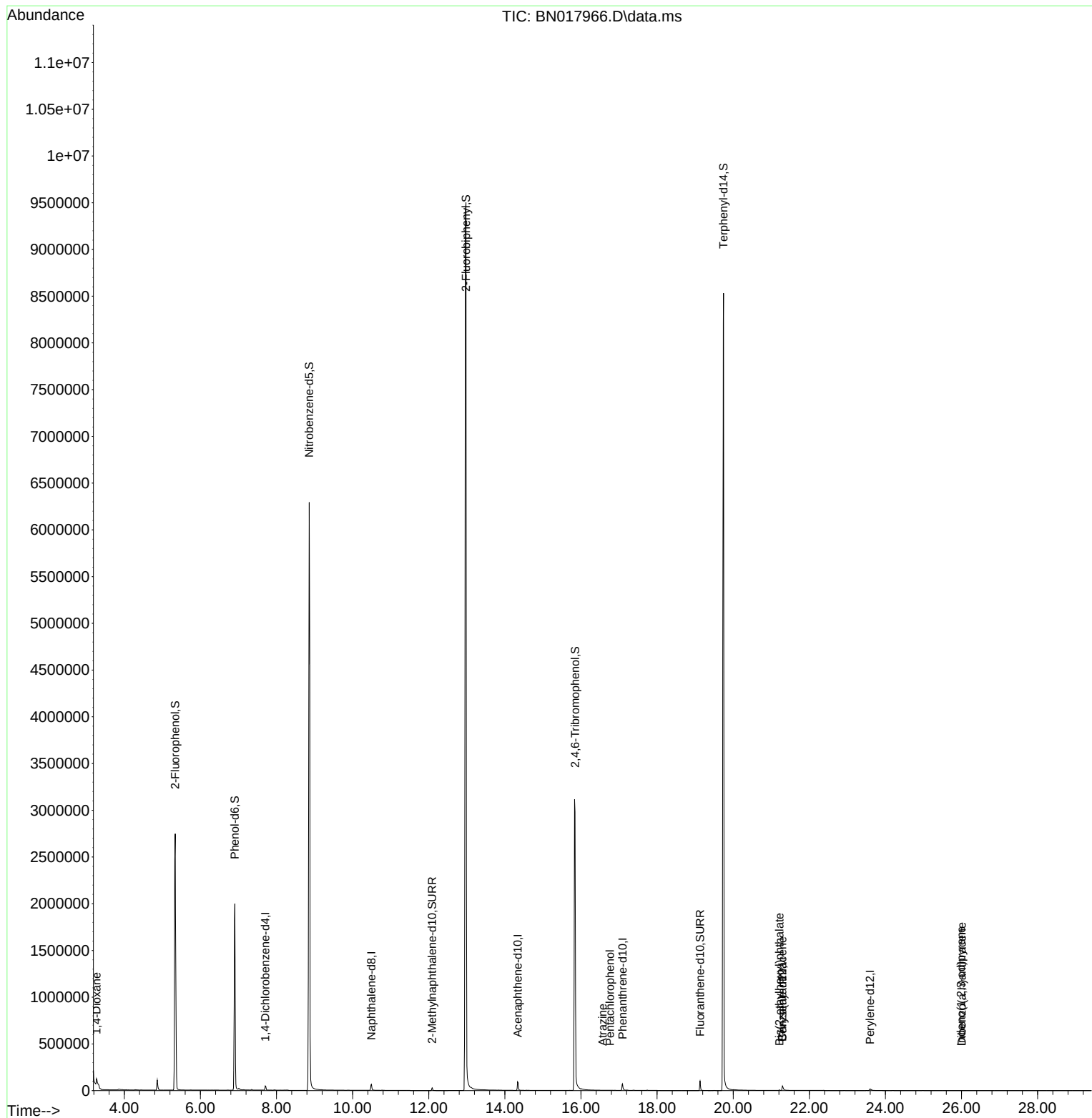
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	26109	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	109386	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	65634	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	138693	0.400	ng	0.00
29) Chrysene-d12	21.293	240	86813	0.400	ng	0.00
35) Perylene-d12	23.599	264	43089	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2843850	52.835	ng	0.00
5) Phenol-d6	6.903	99	1998132	37.383	ng	0.00
8) Nitrobenzene-d5	8.859	82	5957880	83.417	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	47949	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3478136	97.453	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	11341503	49.106	ng	0.01
27) Fluoranthene-d10	19.129	212	144091	0.320	ng	0.00
31) Terphenyl-d14	19.745	244	12513423	58.461	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	54347	6.859	ng	92
20) 4,6-Dinitro-2-methylph...	15.527	198	4	Below Cal	#	69
23) Atrazine	16.569	200	37	0.092	ng	# 1
24) Pentachlorophenol	16.764	266	660	0.325	ng	96
32) Benzo(a)anthracene	21.293	228	683	0.052	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.218	149	6222	0.067	ng	99
36) Indeno(1,2,3-cd)pyrene	25.985	276	5	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	26.005	278	2	0.101	ng	# 1

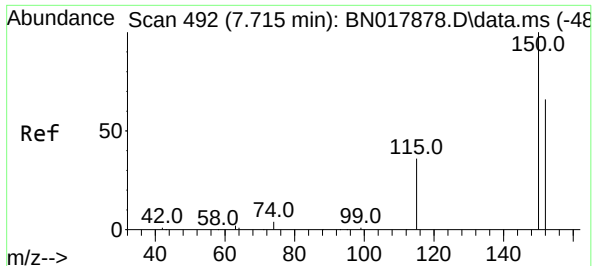
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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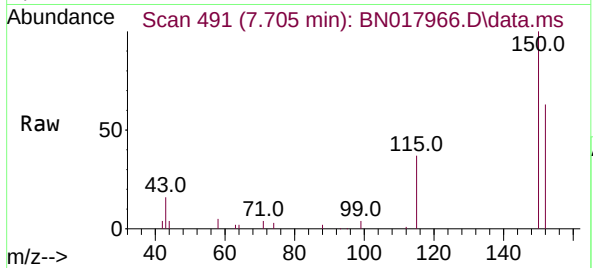
Quant Time: Dec 14 03:40:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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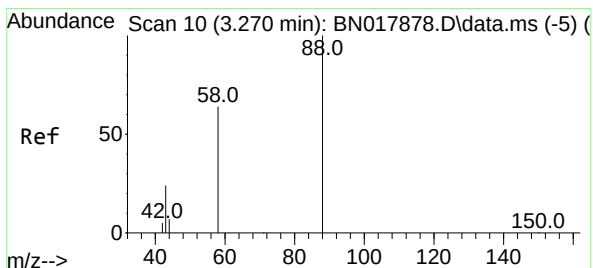
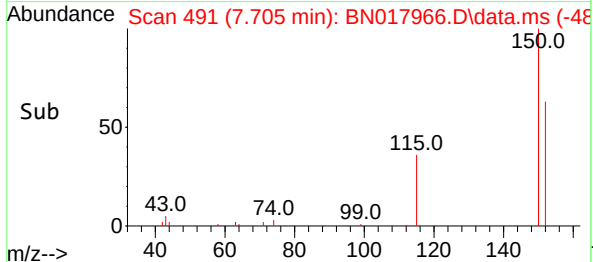
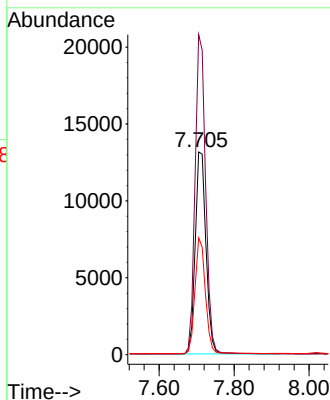


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.705 min Scan# 49
Delta R.T. -0.010 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

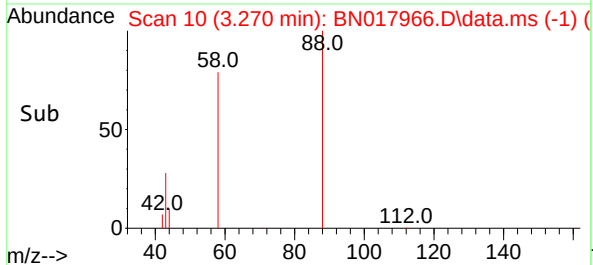
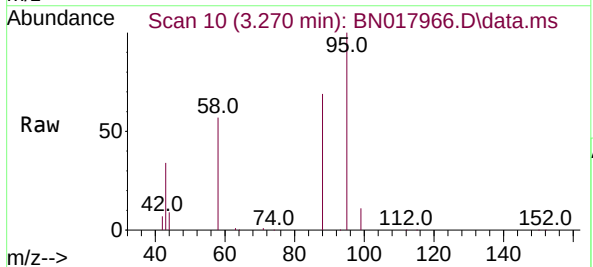
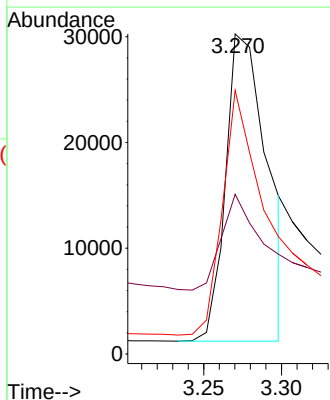


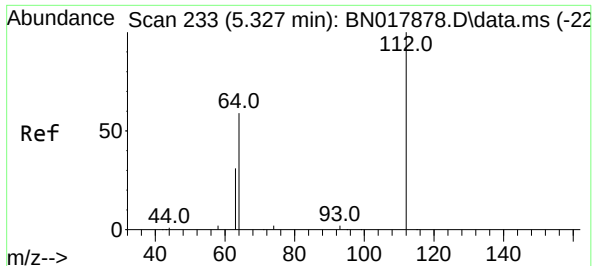
Tgt Ion:152 Resp: 26109
Ion Ratio Lower Upper
152 100
150 157.9 121.9 182.9
115 57.6 44.1 66.1



#2
1,4-Dioxane
Concen: 6.859 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion: 88 Resp: 54347
Ion Ratio Lower Upper
88 100
43 29.3 28.0 42.0
58 75.2 65.4 98.0

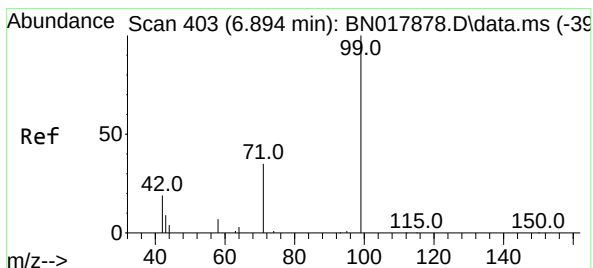
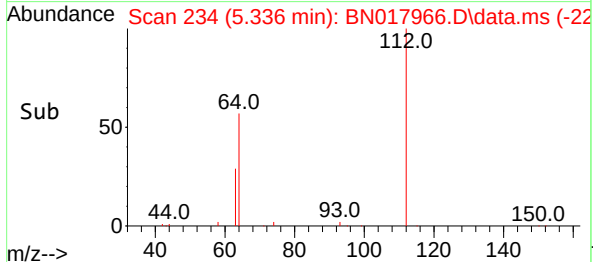
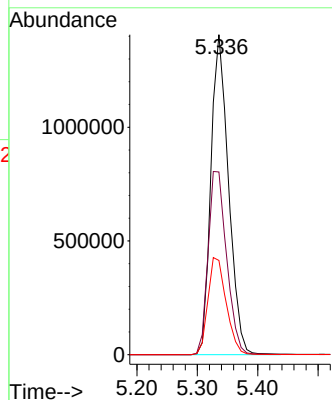
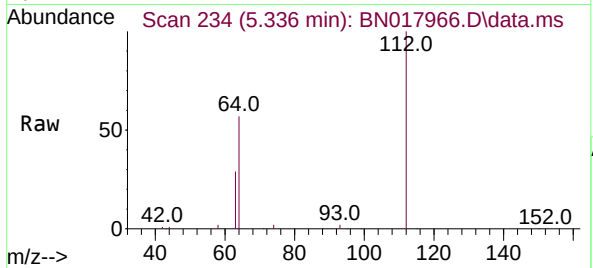




#4
2-Fluorophenol
Concen: 52.835 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

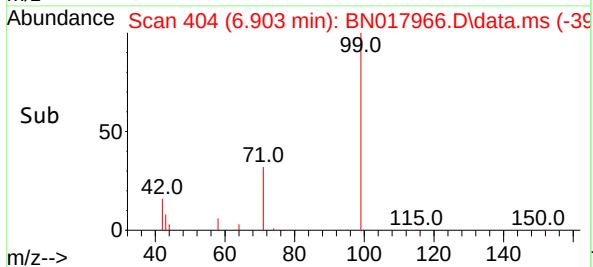
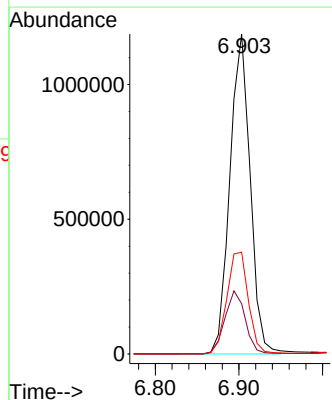
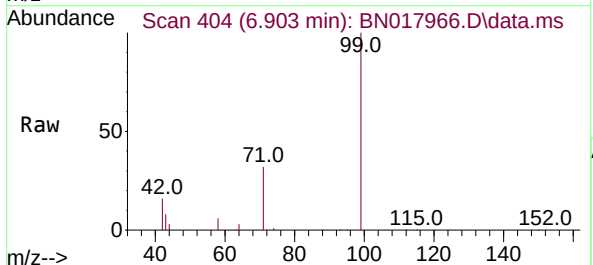
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

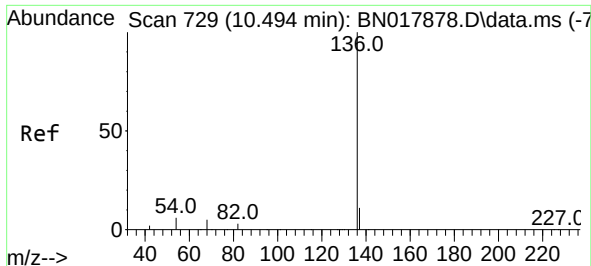
Tgt Ion:112 Resp: 2843850
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 31.6 26.2 39.2



#5
Phenol-d6
Concen: 37.383 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion: 99 Resp: 1998132
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 33.9 28.0 42.0

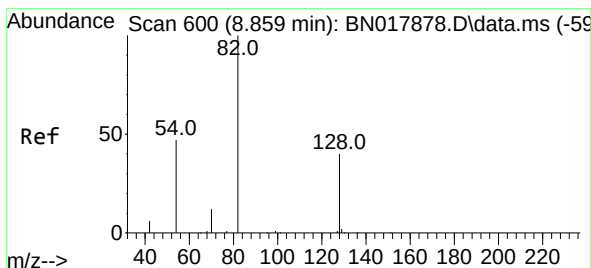
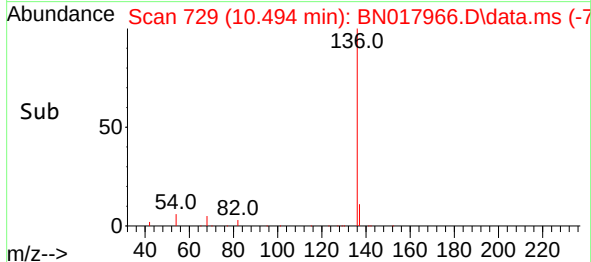
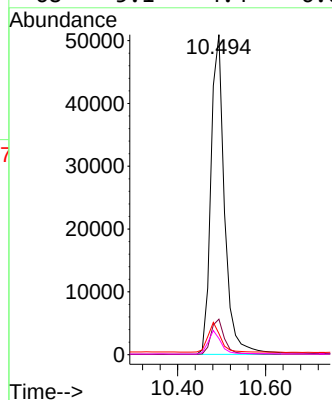
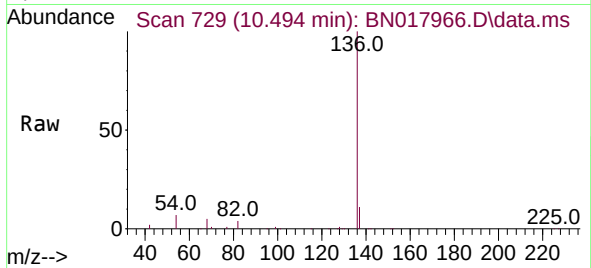




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

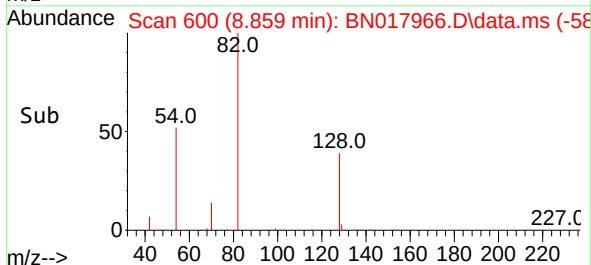
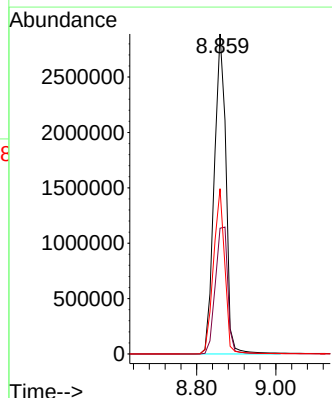
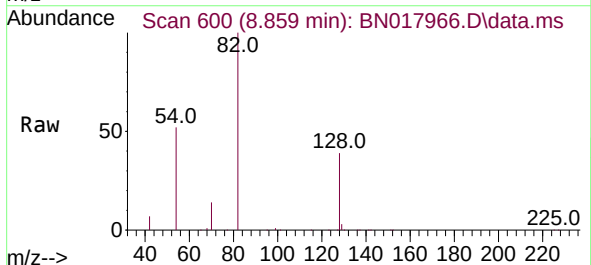
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

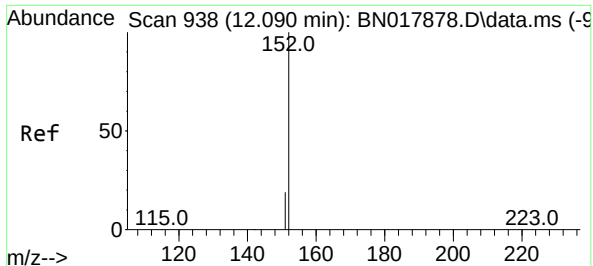
Tgt Ion:136	Resp:	109386
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	6.6	5.1 7.7
68	5.1	4.4 6.6



#8
Nitrobenzene-d5
Concen: 83.417 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion: 82		Resp: 5957880	
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.4
54	51.7	37.6	56.4

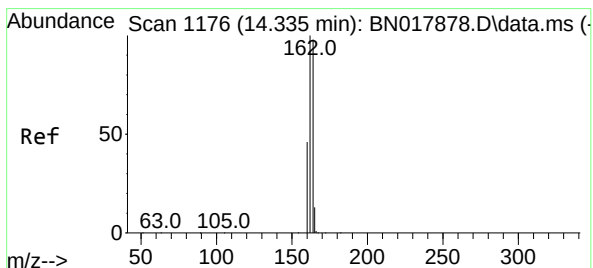
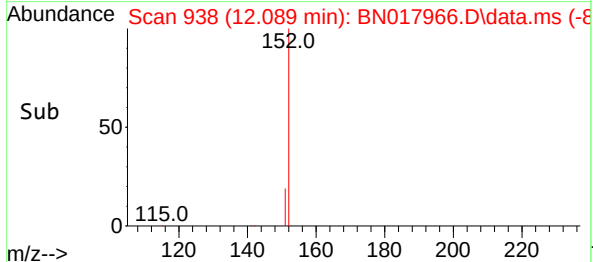
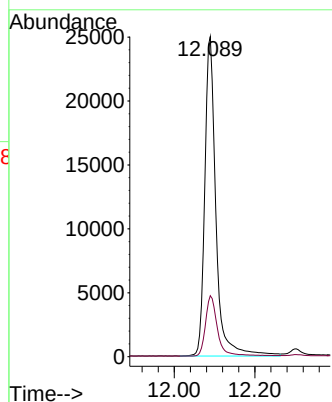
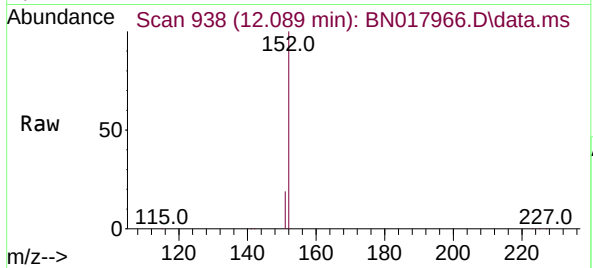




#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.089 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

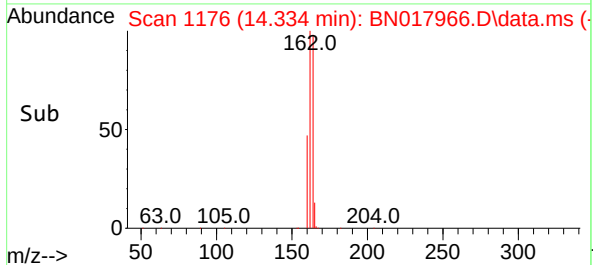
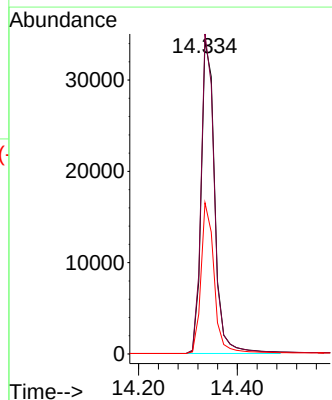
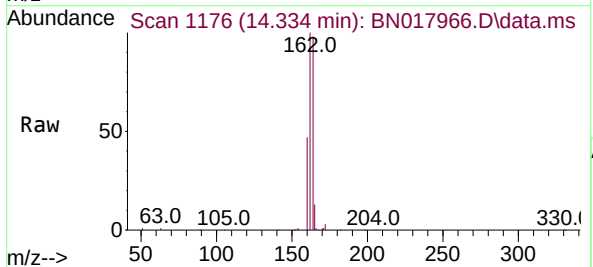
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ClientSampleId :
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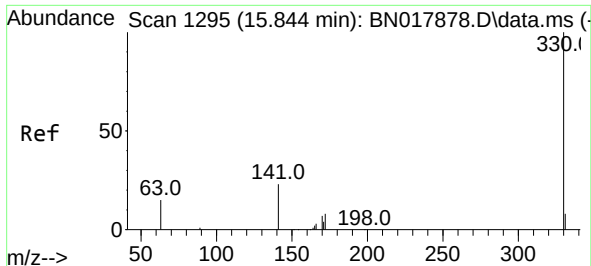
Tgt Ion:152 Resp: 47949
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion:164 Resp: 65634
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 48.3 38.2 57.2

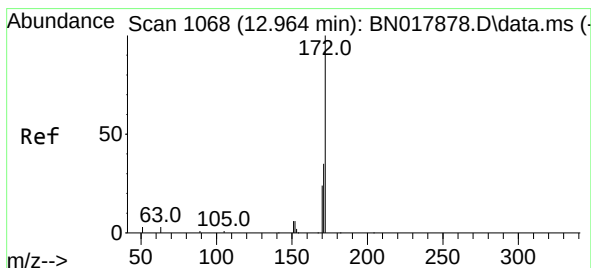
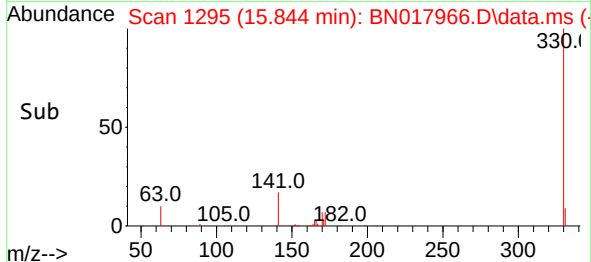
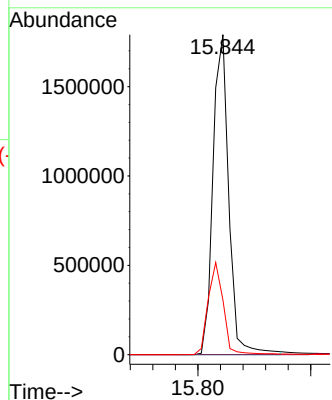
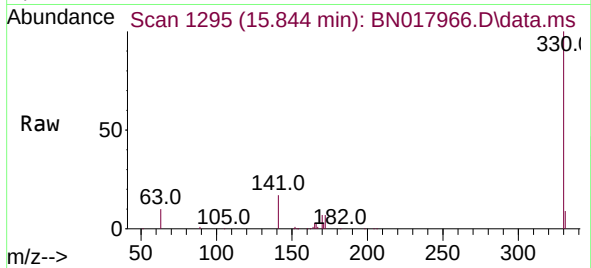




#14
2,4,6-Tribromophenol
Concen: 97.453 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

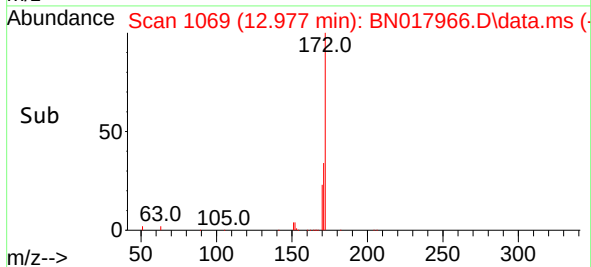
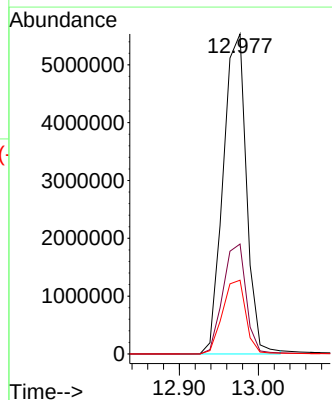
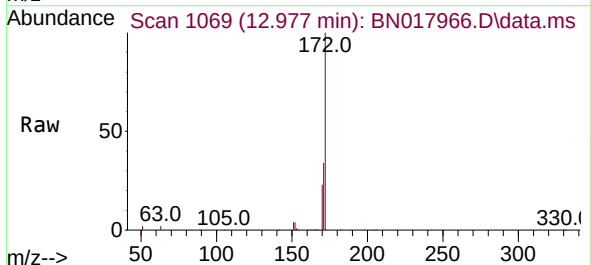
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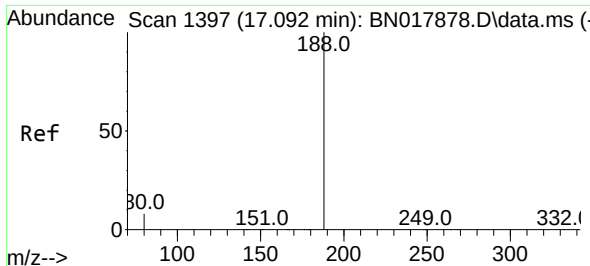
Tgt Ion:330 Resp: 3478136
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.8 19.7 29.5



#15
2-Fluorobiphenyl
Concen: 49.106 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion:172 Resp:11341503
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 19.1 28.7

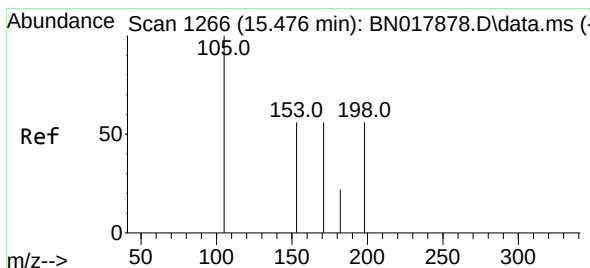
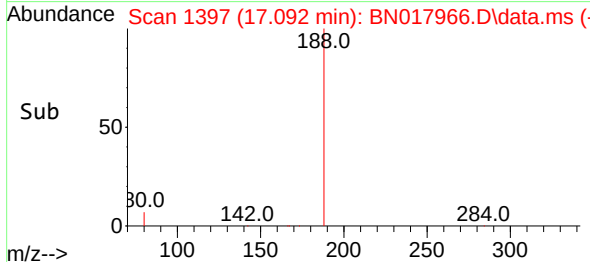
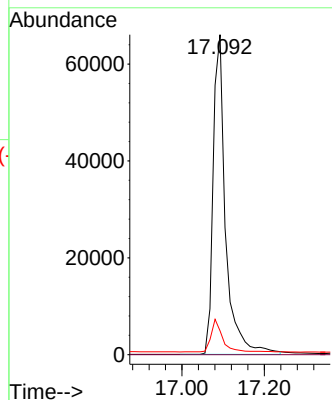
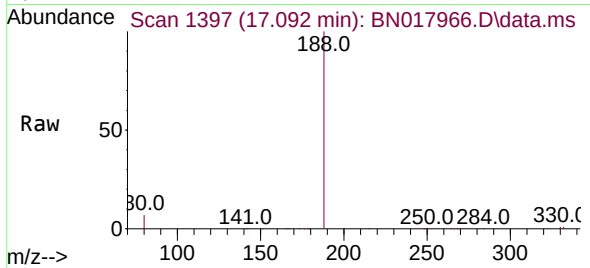




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

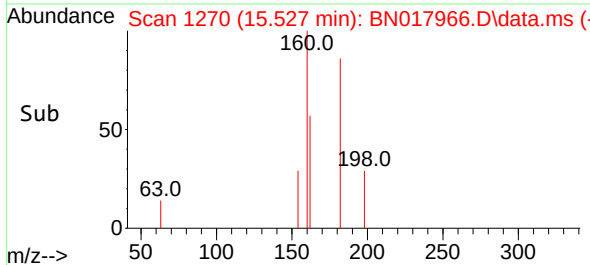
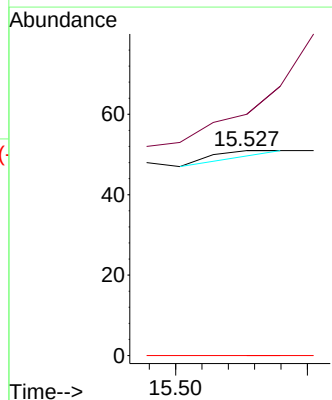
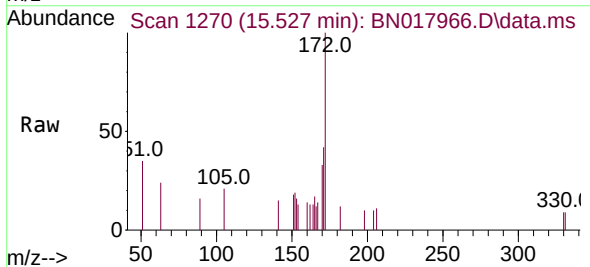
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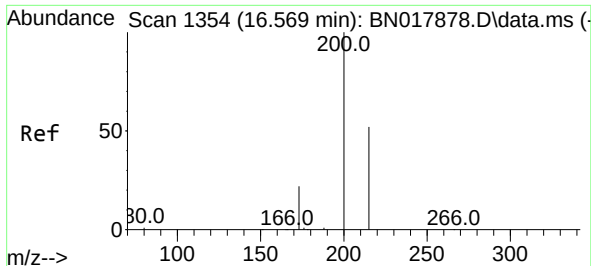
Tgt Ion:188 Resp: 138693
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.527 min Scan# 1270
Delta R.T. 0.051 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

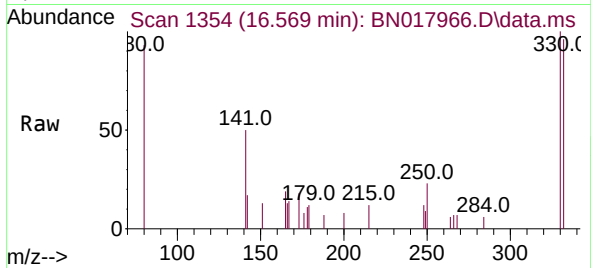
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 117.6 70.8 106.2#
77 0.0 0.0 0.0



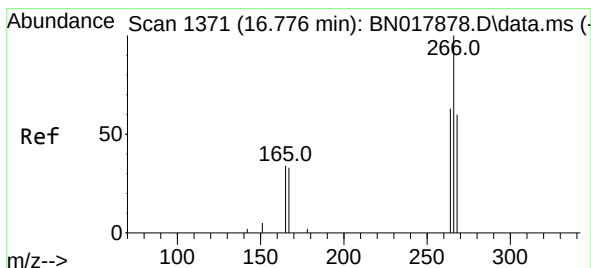
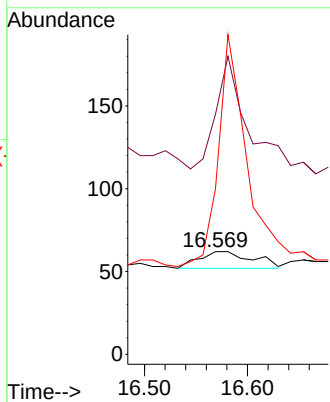
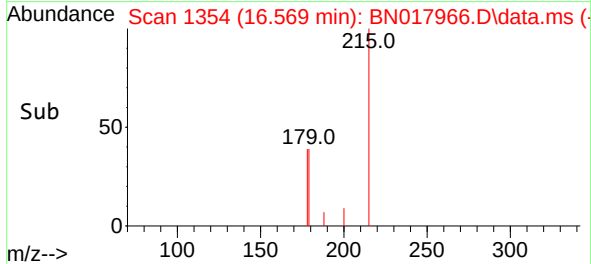


#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.569 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24

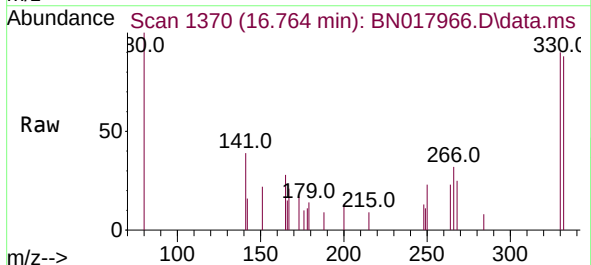
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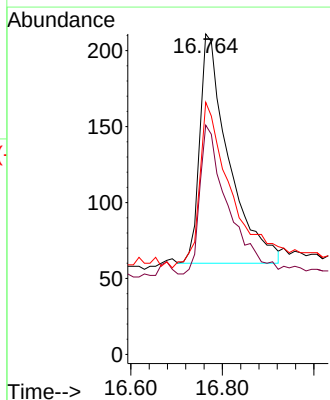
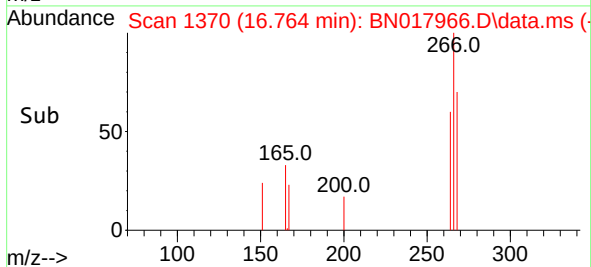
Tgt Ion:200 Resp: 37
 Ion Ratio Lower Upper
 200 100
 173 233.9 18.2 27.2#
 215 161.3 41.8 62.8#

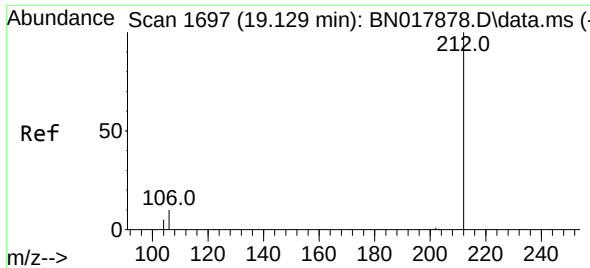


#24
 Pentachlorophenol
 Concen: 0.325 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24



Tgt Ion:266 Resp: 660
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.6 76.0
 268 72.4 53.7 80.5

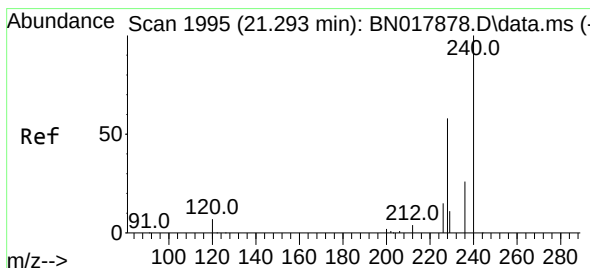
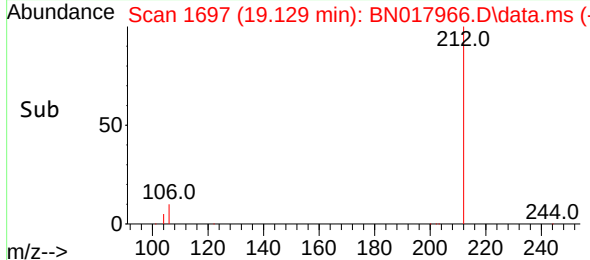
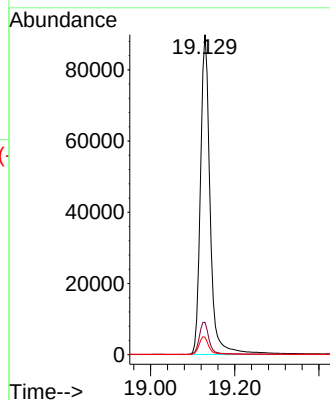
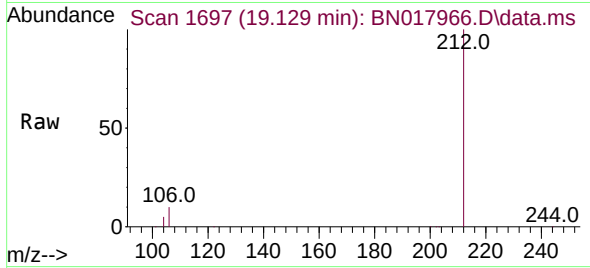




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

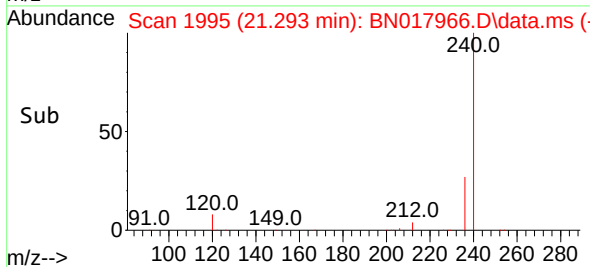
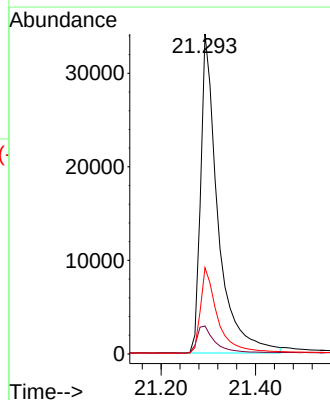
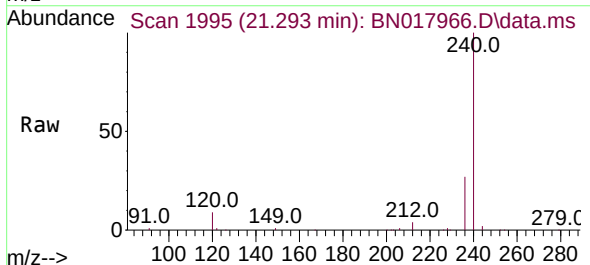
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

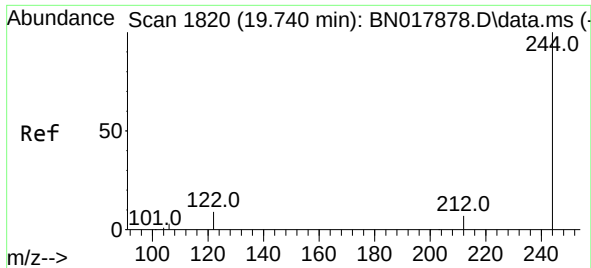
Tgt Ion:212 Resp: 144091
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion:240 Resp: 86813
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 26.9 21.0 31.6

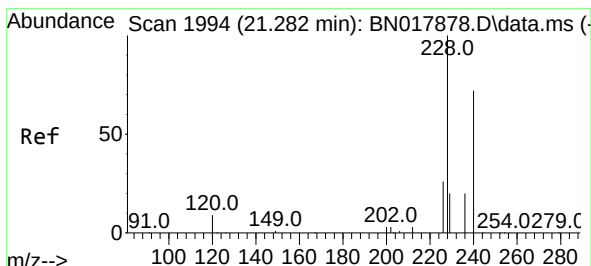
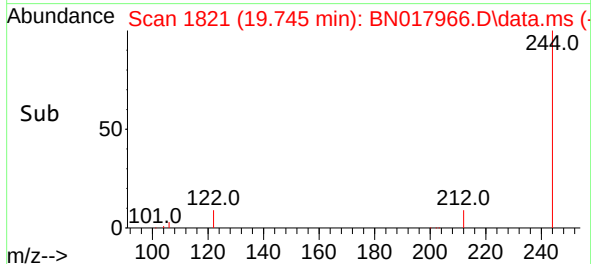
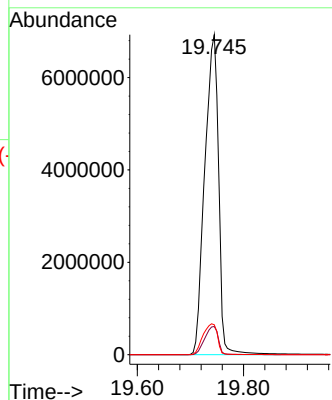
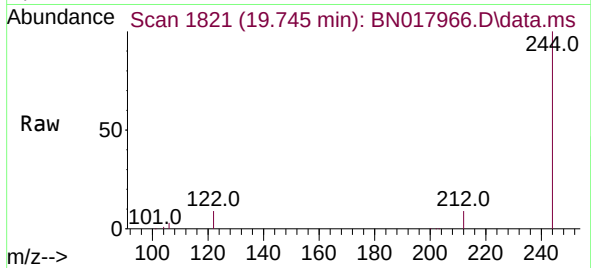




#31
 Terphenyl-d14
 Concen: 58.461 ng
 RT: 19.745 min Scan# 1820
 Delta R.T. 0.005 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24

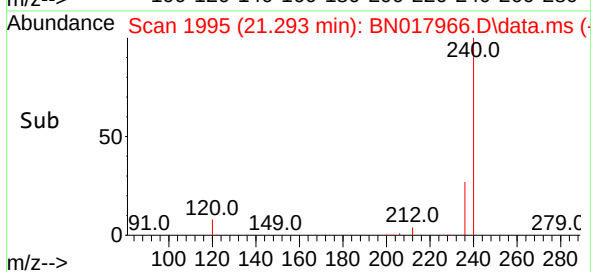
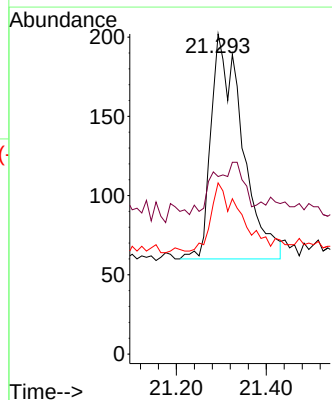
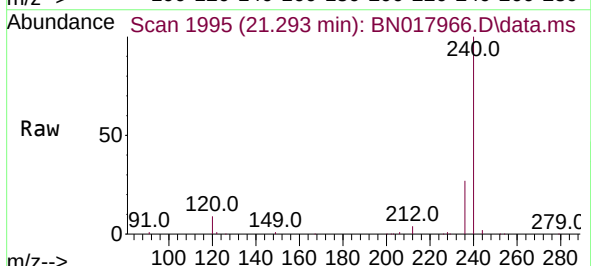
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20211202

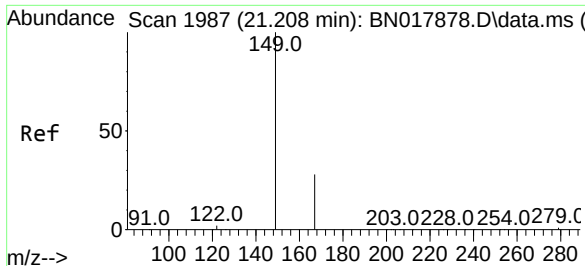
Tgt Ion:244 Resp:12513423
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.2 9.2
 122 9.4 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24

Tgt Ion:228 Resp: 683
 Ion Ratio Lower Upper
 228 100
 226 55.4 21.0 31.4#
 229 53.5 15.8 23.8#

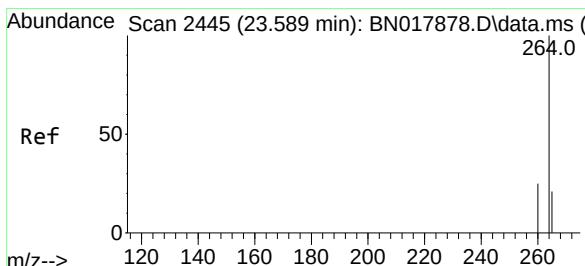
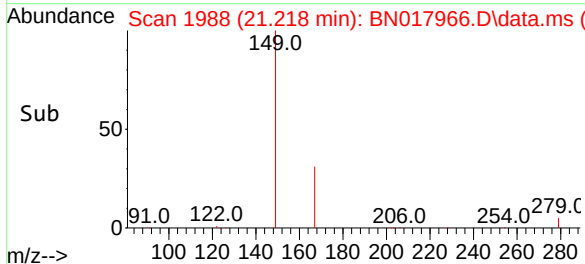
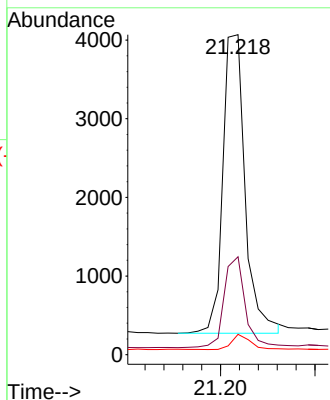
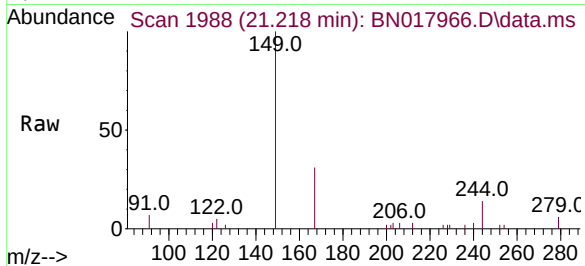




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.218 min Scan# 1988
 Delta R.T. 0.010 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24

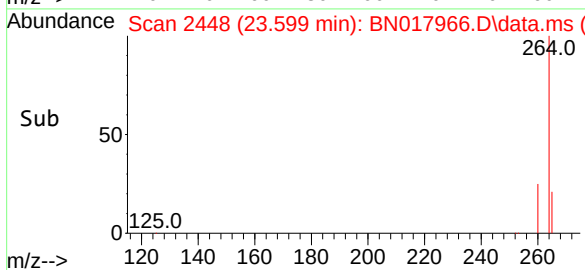
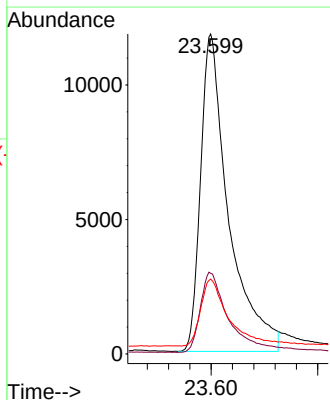
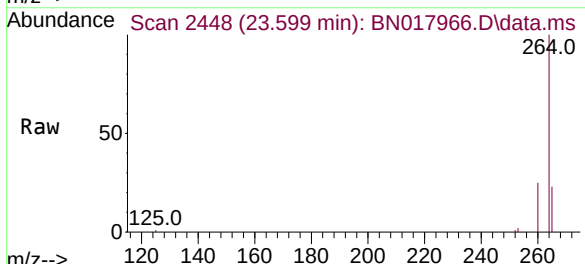
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20211202

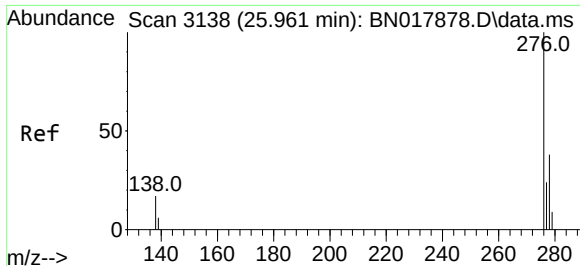
Tgt Ion:	149	Resp:	6222
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.4	35.0
279	4.3	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.599 min Scan# 2448
 Delta R.T. 0.010 min
 Lab File: BN017966.D
 Acq: 13 Dec 2021 11:24

Tgt Ion:	264	Resp:	43089
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.2	30.4
265	23.4	18.2	27.4

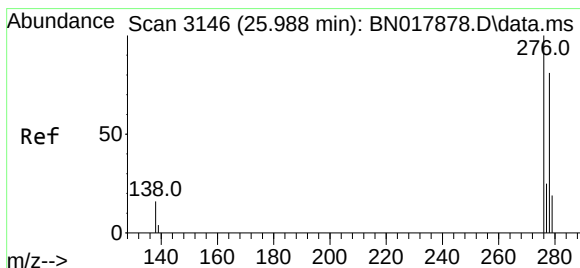
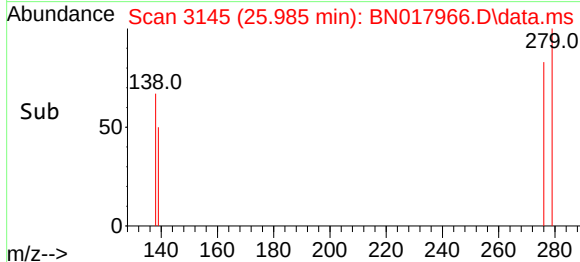
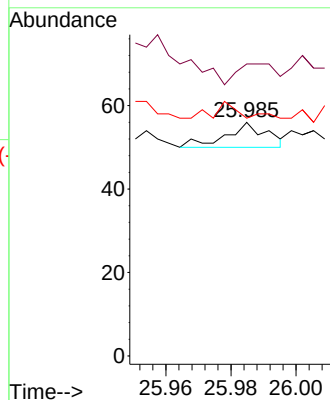
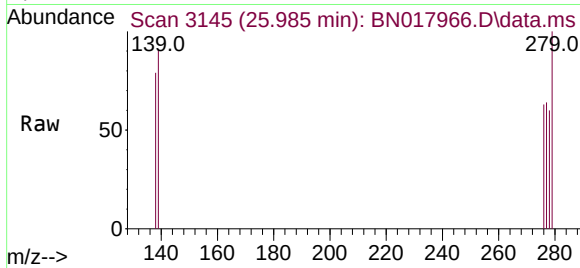




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.985 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

Tgt Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 80.0 15.2 22.8#
277 60.0 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 26.005 min Scan# 3151
Delta R.T. 0.017 min
Lab File: BN017966.D
Acq: 13 Dec 2021 11:24

Tgt Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 150.9 12.0 18.0#
279 161.4 20.8 31.2#

