

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017909.D
 Acq On : 11 Dec 2021 16:34
 Operator : CG/JU
 Sample : M4957-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20211206

Quant Time: Dec 11 21:31:00 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)

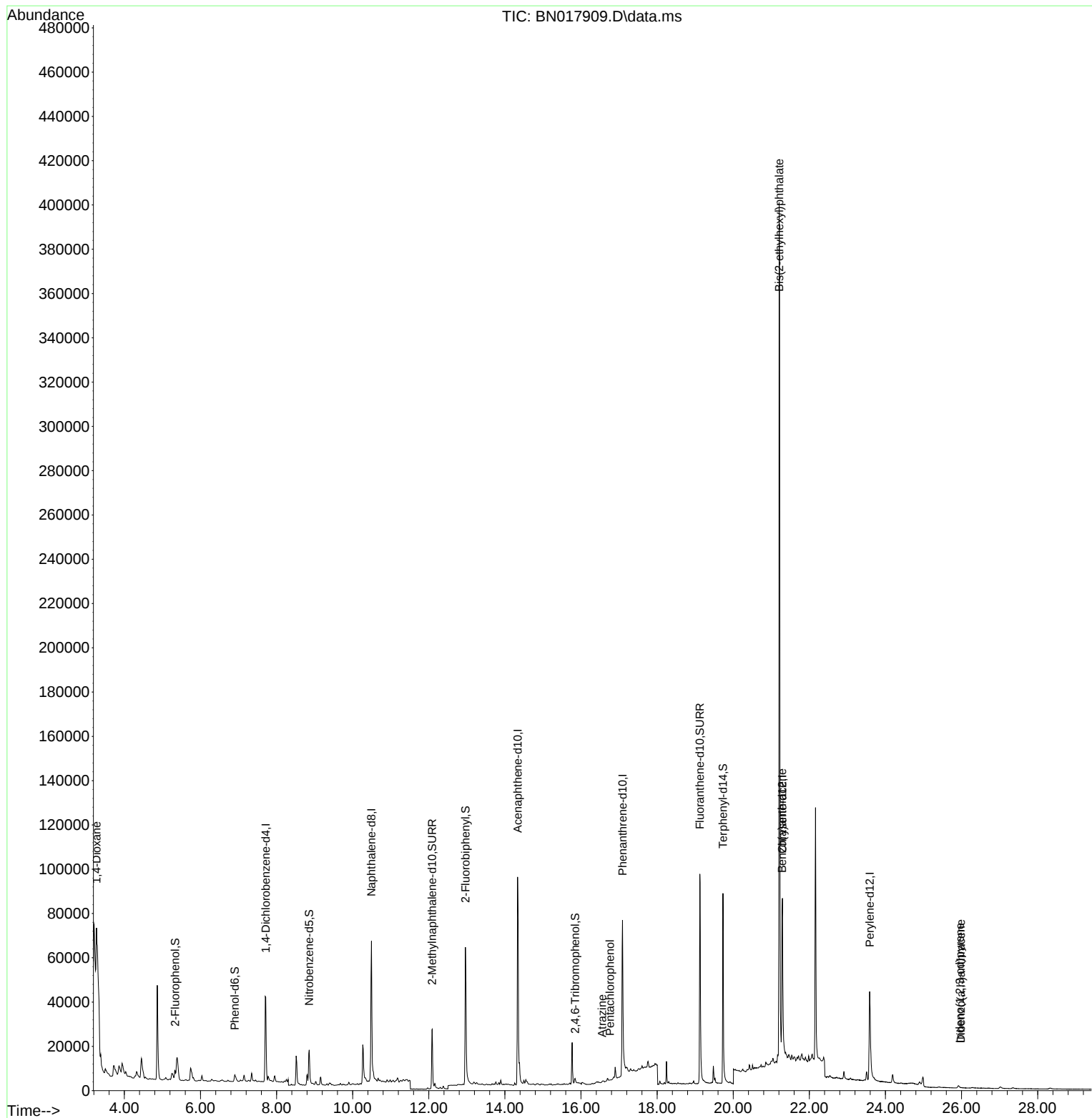
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23498	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97568	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	66745	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	136678	0.400	ng	0.00
29) Chrysene-d12	21.293	240	103243	0.400	ng	0.00
35) Perylene-d12	23.585	264	76560	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5164	0.107	ng	0.00
5) Phenol-d6	6.903	99	3160	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	17144	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	45088	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3186	0.420	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67764	0.289	ng	0.00
27) Fluoranthene-d10	19.124	212	138984	0.314	ng	0.00
31) Terphenyl-d14	19.730	244	107335	0.422	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	32011	4.489	ng	95
20) 4,6-Dinitro-2-methylph...	15.451	198	9	Below Cal	#	1
23) Atrazine	16.557	200	69	0.092	ng	# 29
24) Pentachlorophenol	16.764	266	42	0.103	ng	# 17
32) Benzo(a)anthracene	21.282	228	1026	0.053	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	426697	3.850	ng	98
36) Indeno(1,2,3-cd)pyrene	25.957	276	18	0.089	ng	# 78
40) Dibenzo(a,h)anthracene	25.981	278	6	0.101	ng	# 1

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

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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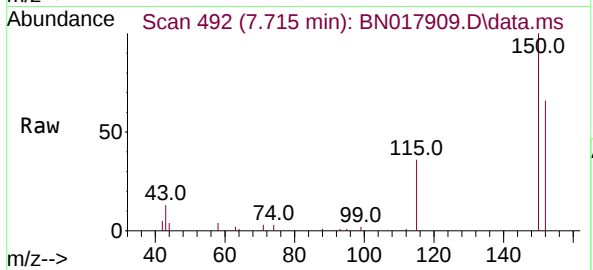
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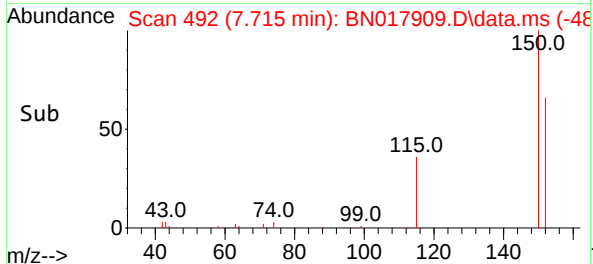
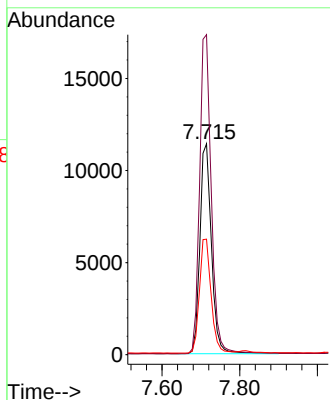


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20211206

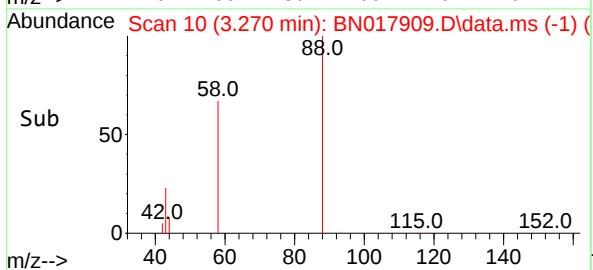
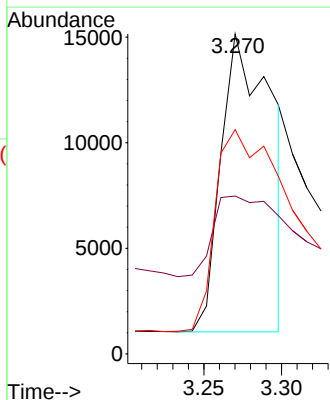
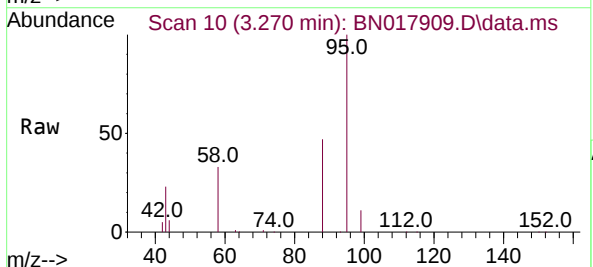


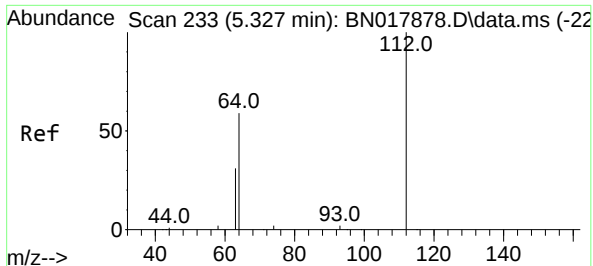
Tgt Ion:152 Resp: 23498
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.9 182.9
 115 54.8 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.489 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Tgt Ion: 88 Resp: 32011
 Ion Ratio Lower Upper
 88 100
 43 32.1 28.0 42.0
 58 76.8 65.4 98.0

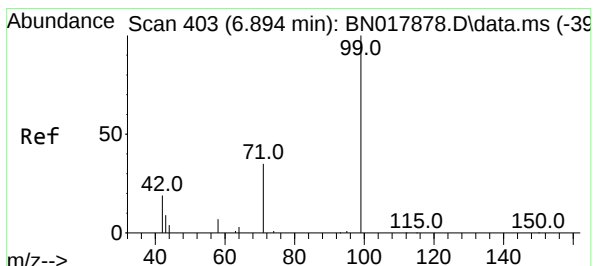
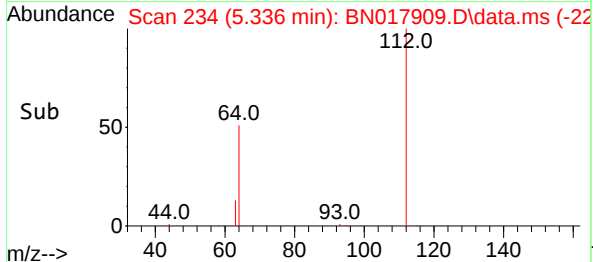
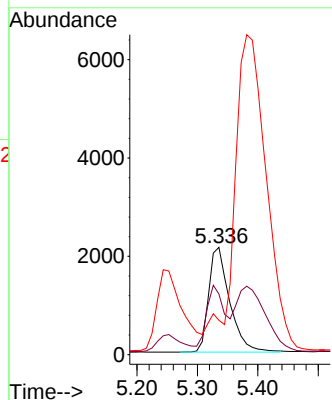
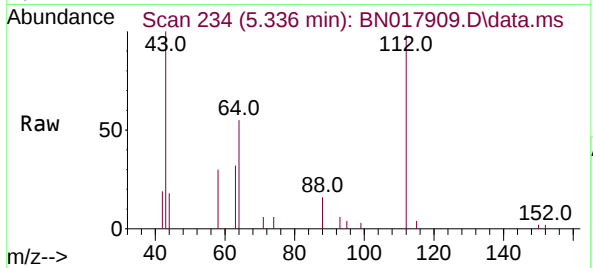




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

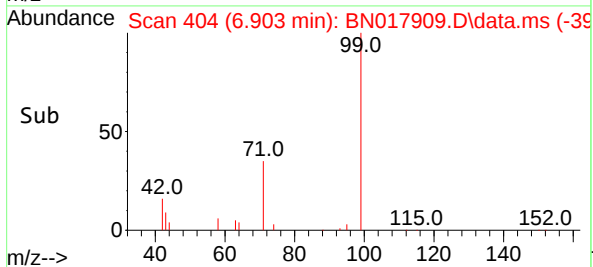
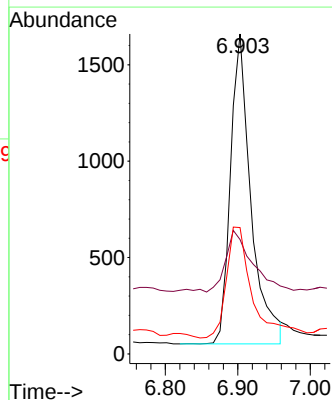
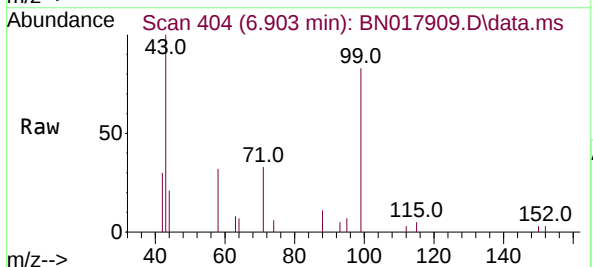
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206

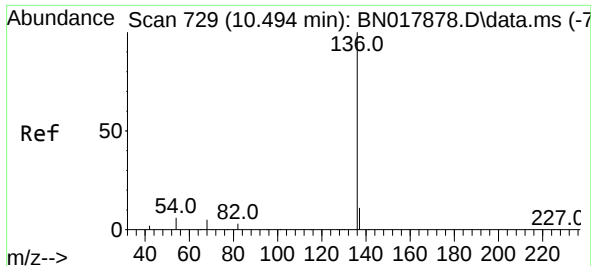
Tgt Ion:112 Resp: 5164
Ion Ratio Lower Upper
112 100
64 48.5 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion: 99 Resp: 3160
Ion Ratio Lower Upper
99 100
42 25.5 17.0 25.4#
71 42.6 28.0 42.0#

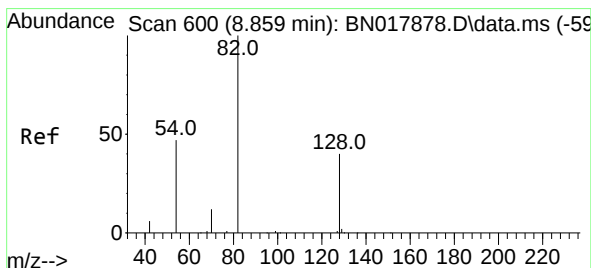
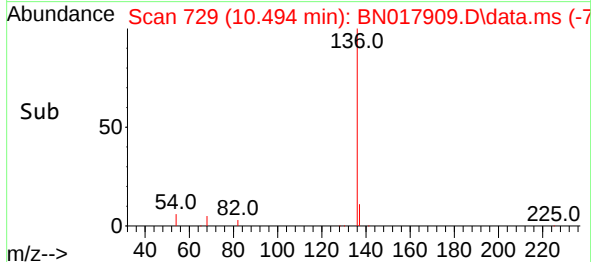
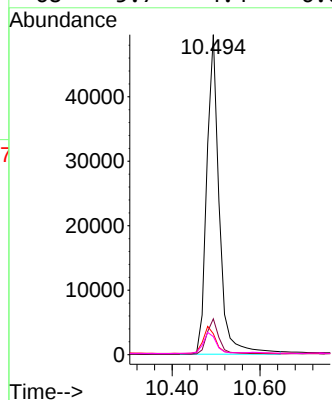
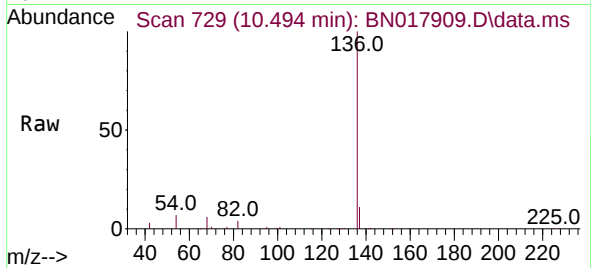




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

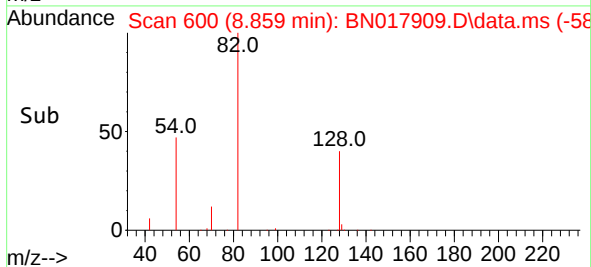
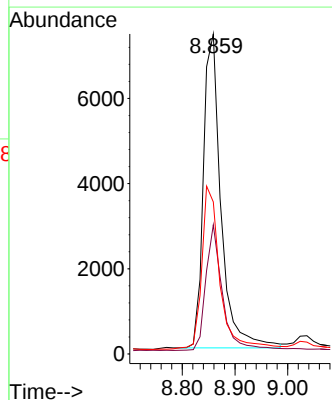
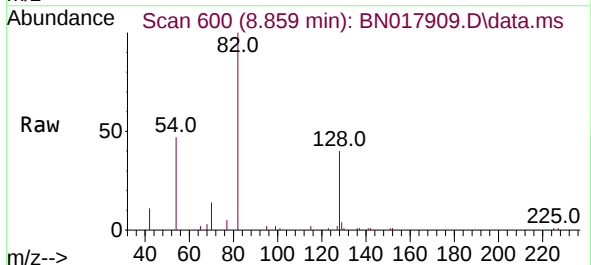
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206

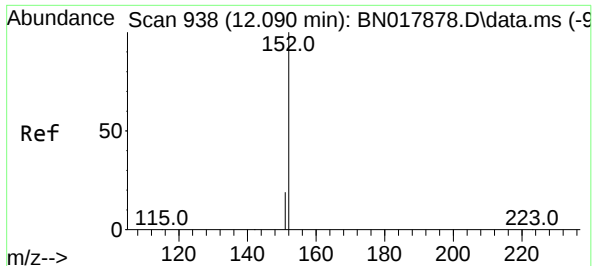
Tgt Ion:	136	Resp:	97568
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.5	5.1	7.7
68	5.7	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion:	82	Resp:	17144
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.2	48.4
54	47.5	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.263 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017909.D

Acq: 11 Dec 2021 16:34

Instrument :

BNA_N

ClientSampleId :

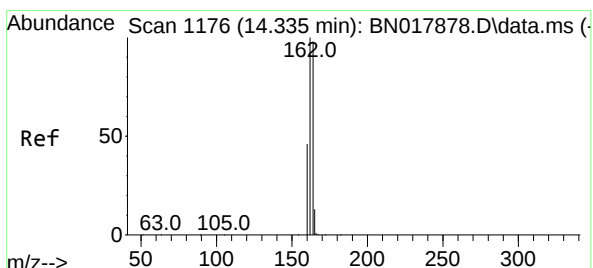
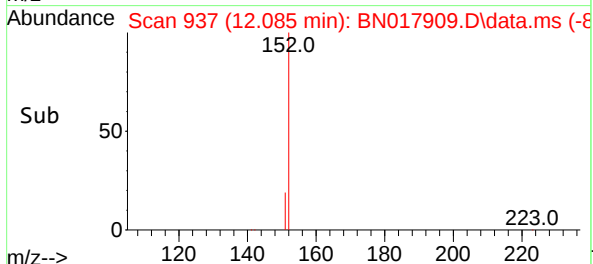
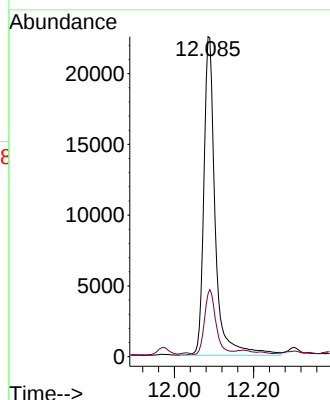
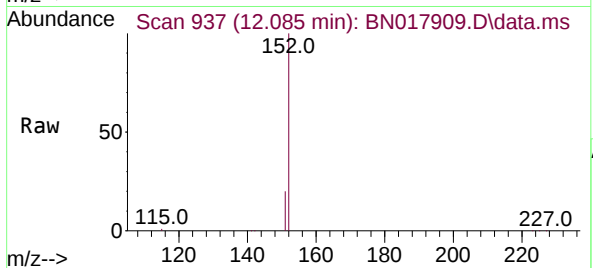
RE114D2-20211206

Tgt Ion:152 Resp: 45088

Ion Ratio Lower Upper

152 100

151 20.3 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: BN017909.D

Acq: 11 Dec 2021 16:34

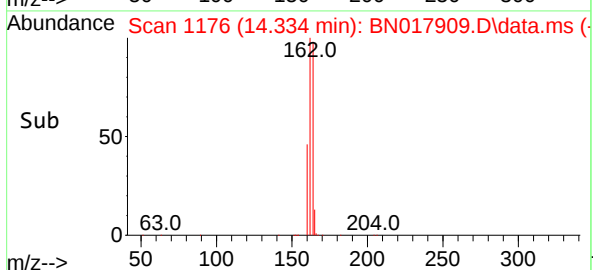
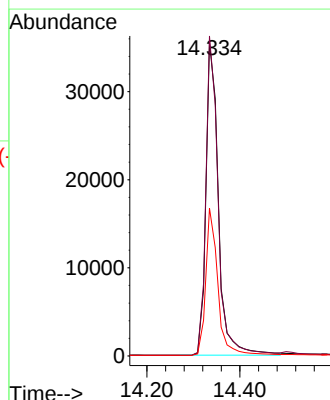
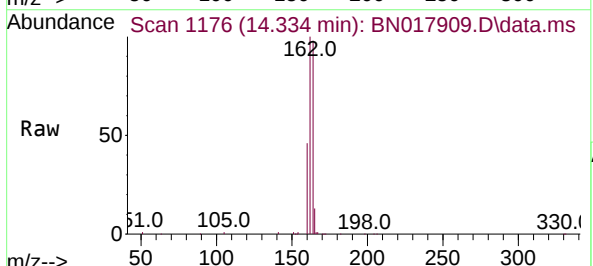
Tgt Ion:164 Resp: 66745

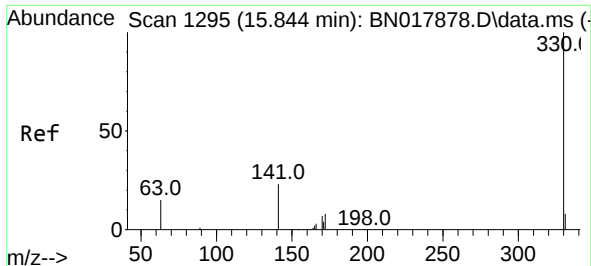
Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

160 47.2 38.2 57.2

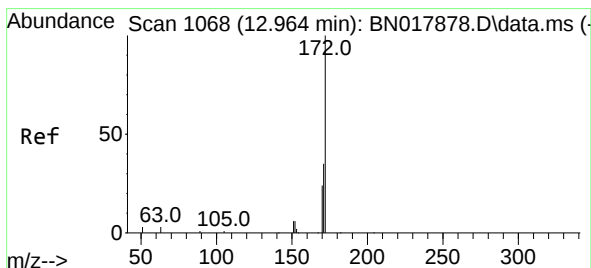
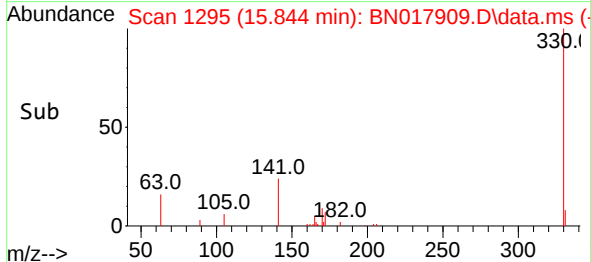
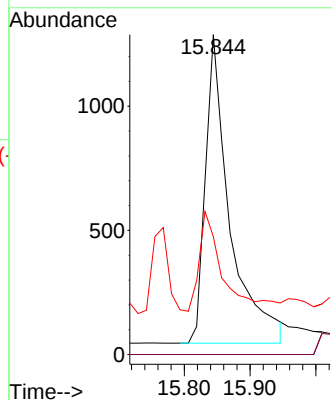
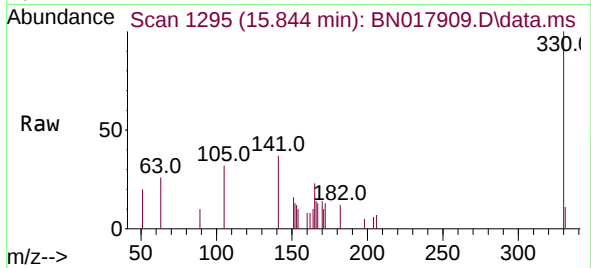




#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

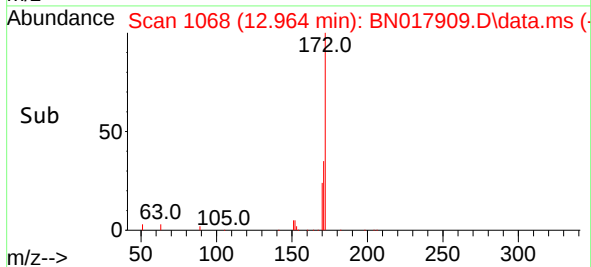
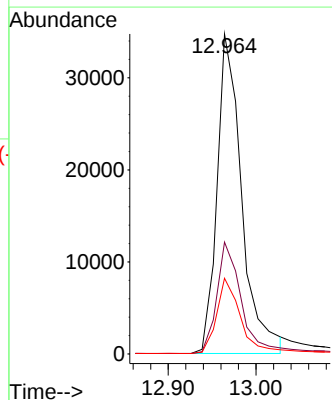
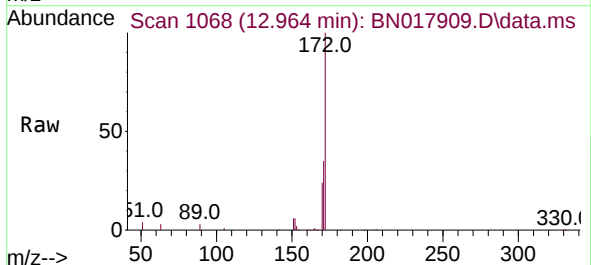
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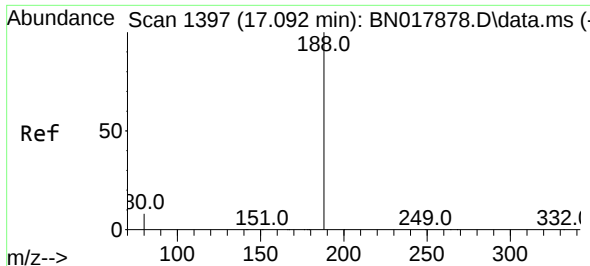
Tgt Ion: 330 Resp: 3186
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion: 172 Resp: 67764
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.6 19.1 28.7

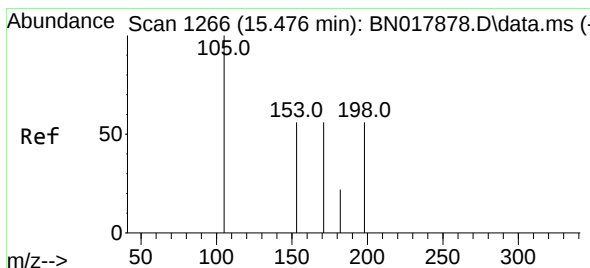
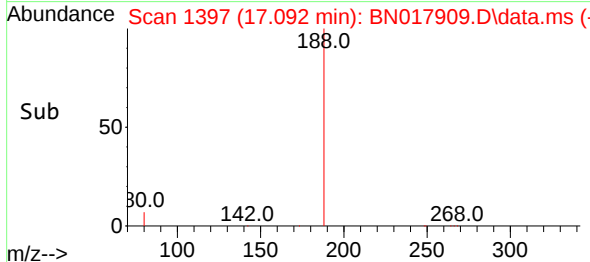
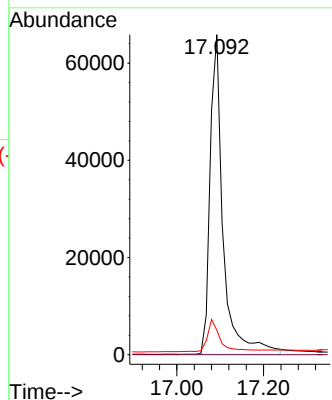
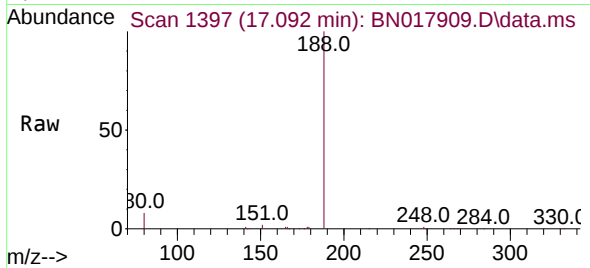




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

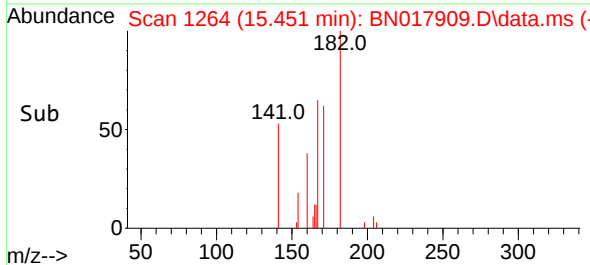
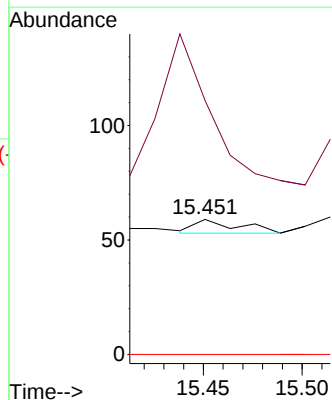
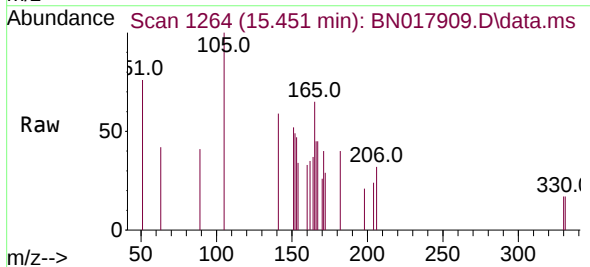
Instrument :
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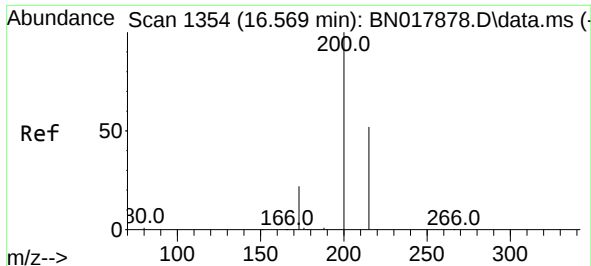
Tgt Ion:188 Resp: 136678
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 188.1 70.8 106.2#
77 0.0 0.0 0.0

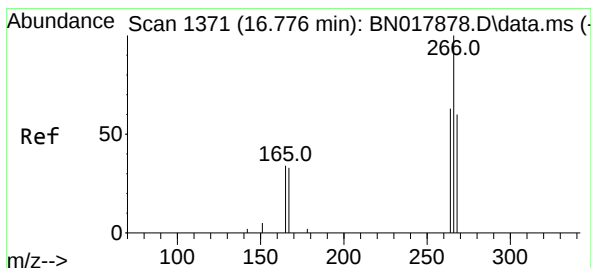
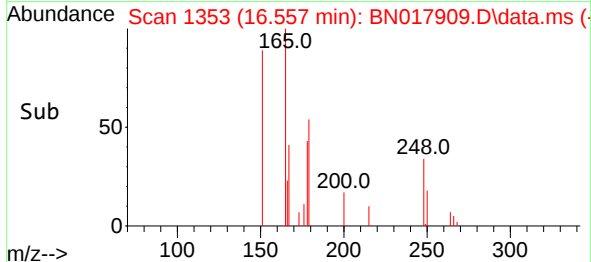
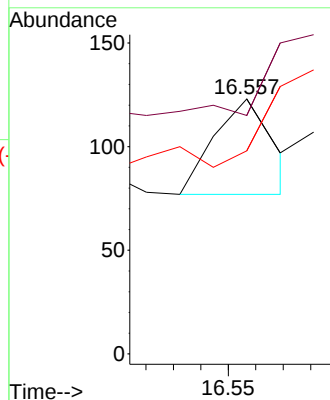
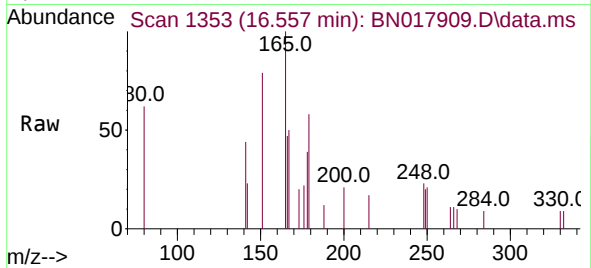




#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.557 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

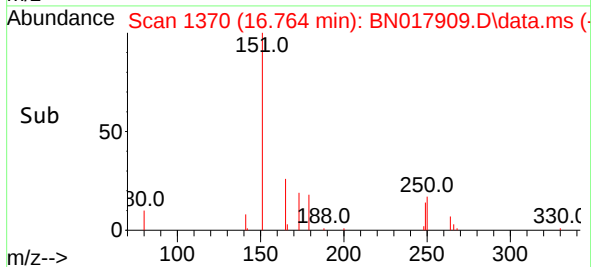
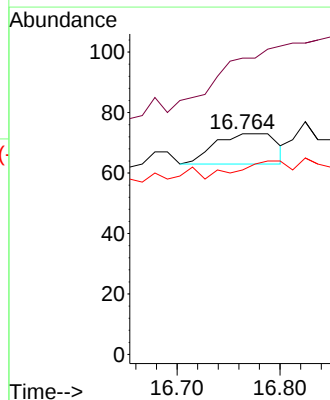
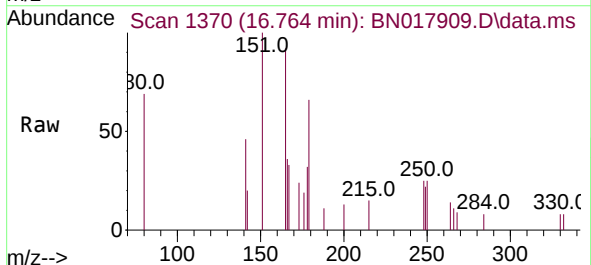
Instrument :
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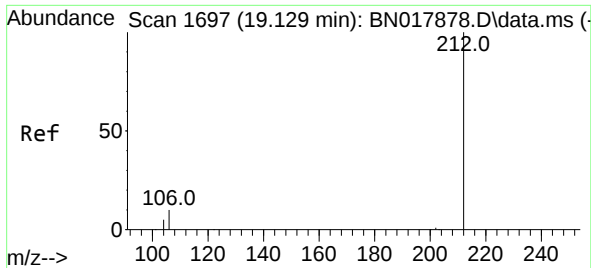
Tgt Ion:200 Resp: 69
 Ion Ratio Lower Upper
 200 100
 173 93.5 18.2 27.2#
 215 79.7 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.103 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Tgt Ion:266 Resp: 42
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#

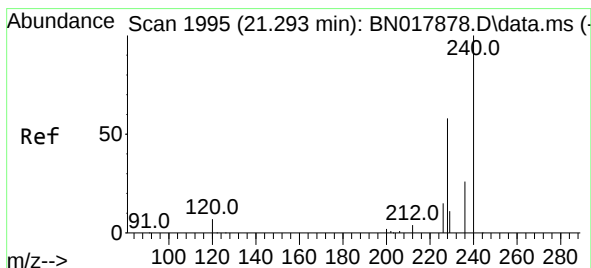
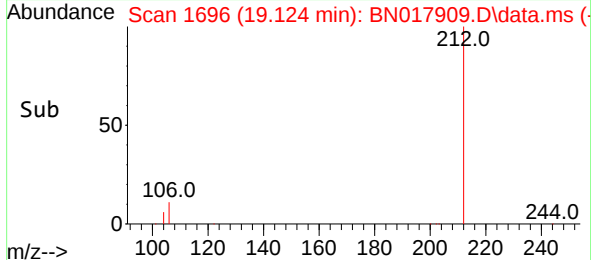
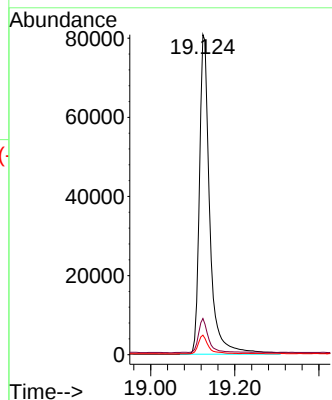
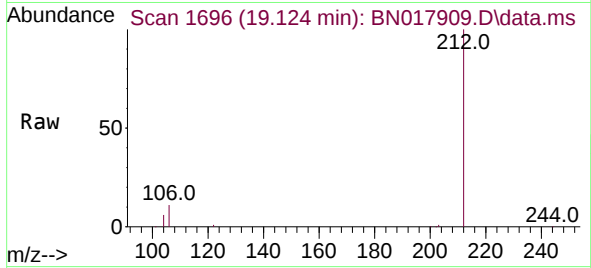




#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

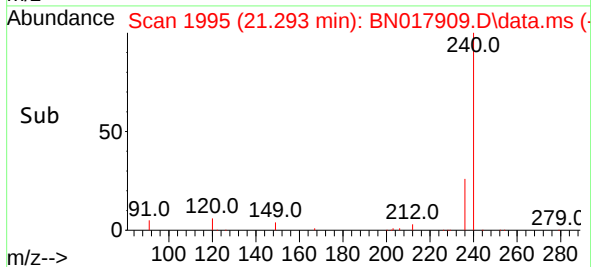
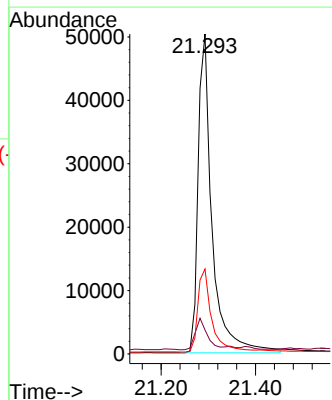
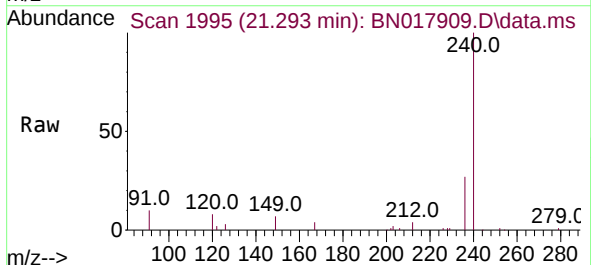
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206

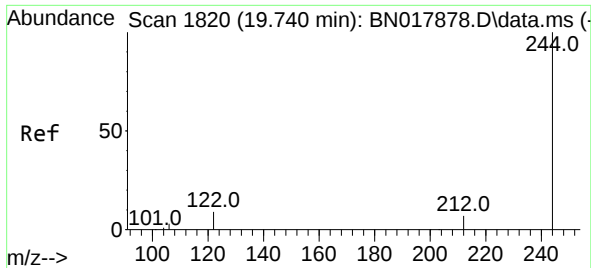
Tgt Ion:212 Resp: 138984
Ion Ratio Lower Upper
212 100
106 9.9 8.3 12.5
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion:240 Resp: 103243
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 26.6 21.0 31.6

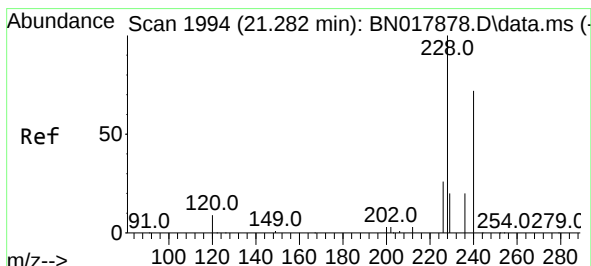
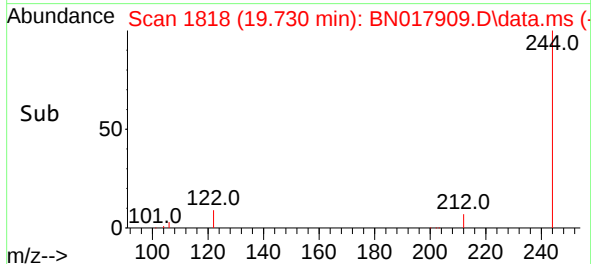
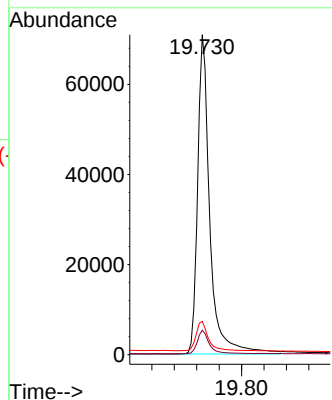
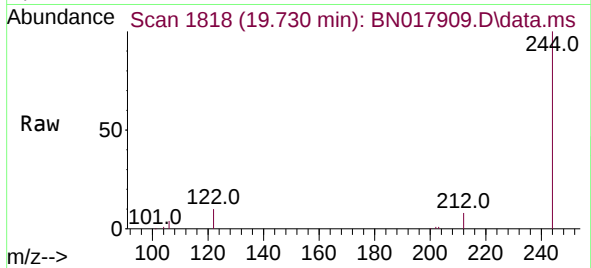




#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

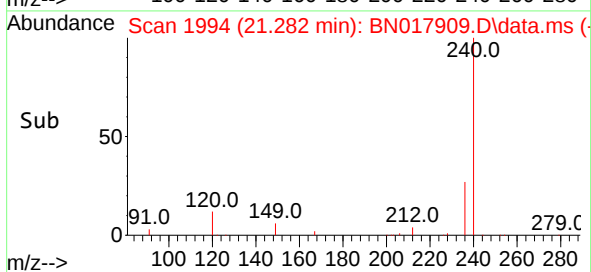
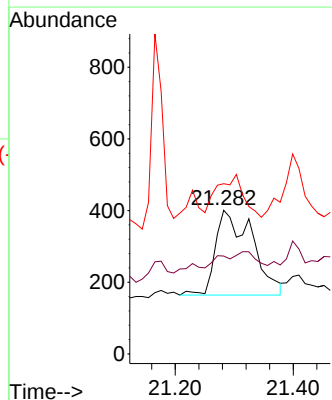
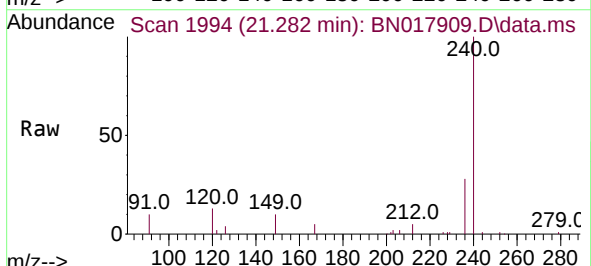
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20211206

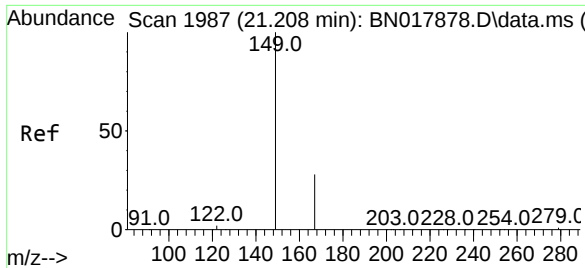
Tgt Ion:244 Resp: 107335
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.4 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.053 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Tgt Ion:228 Resp: 1026
 Ion Ratio Lower Upper
 228 100
 226 68.1 21.0 31.4#
 229 118.5 15.8 23.8#

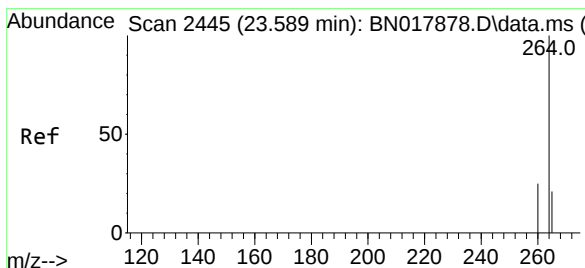
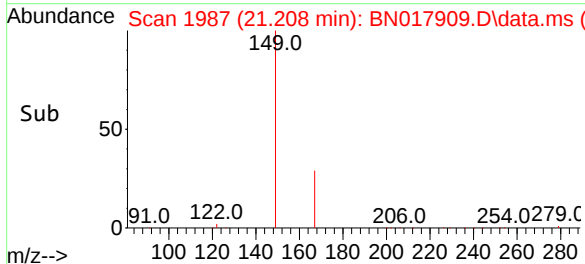
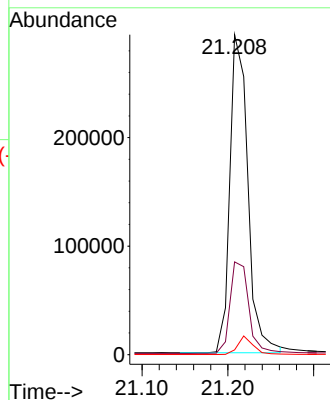
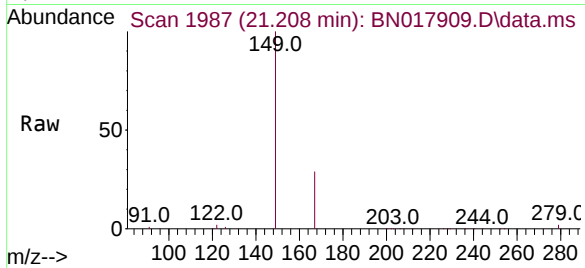




#34
Bis(2-ethylhexyl)phthalate
Concen: 3.850 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

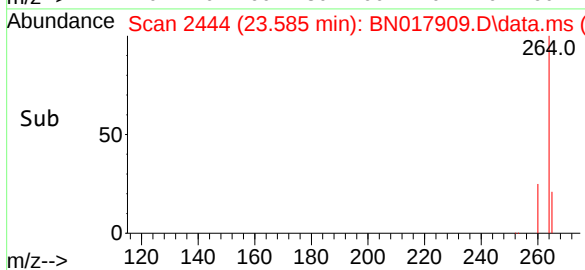
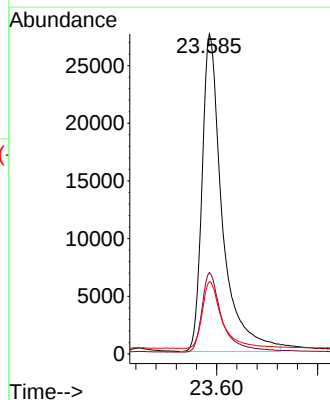
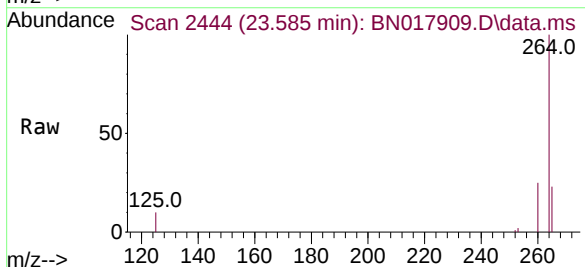
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206

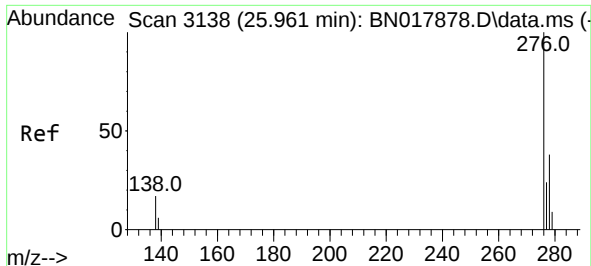
Tgt Ion:149 Resp: 426697
Ion Ratio Lower Upper
149 100
167 30.1 23.4 35.0
279 4.9 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

Tgt Ion:264 Resp: 76560
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.4
265 22.6 18.2 27.4

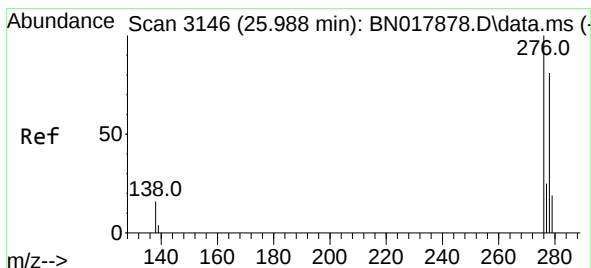
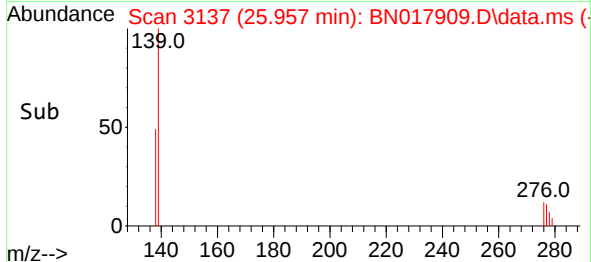
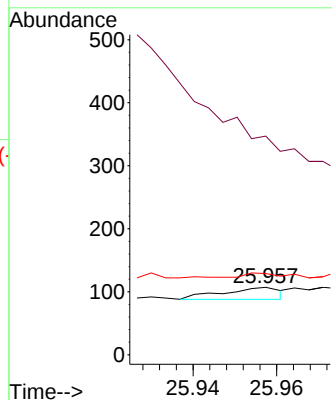
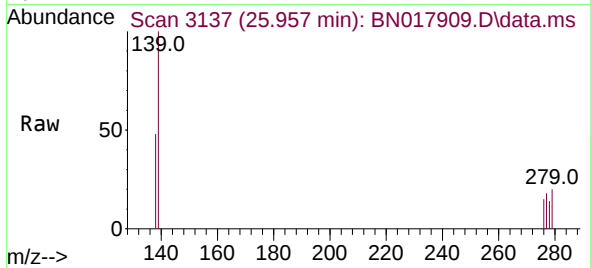




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.957 min Scan# 3137
 Delta R.T. -0.004 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20211206

Tgt Ion:276 Resp: 18
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 27.8 19.8 29.6



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.981 min Scan# 3144
 Delta R.T. -0.007 min
 Lab File: BN017909.D
 Acq: 11 Dec 2021 16:34

Tgt Ion:278 Resp: 6
 Ion Ratio Lower Upper
 278 100
 139 572.9 12.0 18.0#
 279 131.8 20.8 31.2#

