

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016334.D
 Acq On : 18 Sep 2021 14:32
 Operator : CG/JU
 Sample : M3791-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

Quant Time: Sep 20 00:57:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

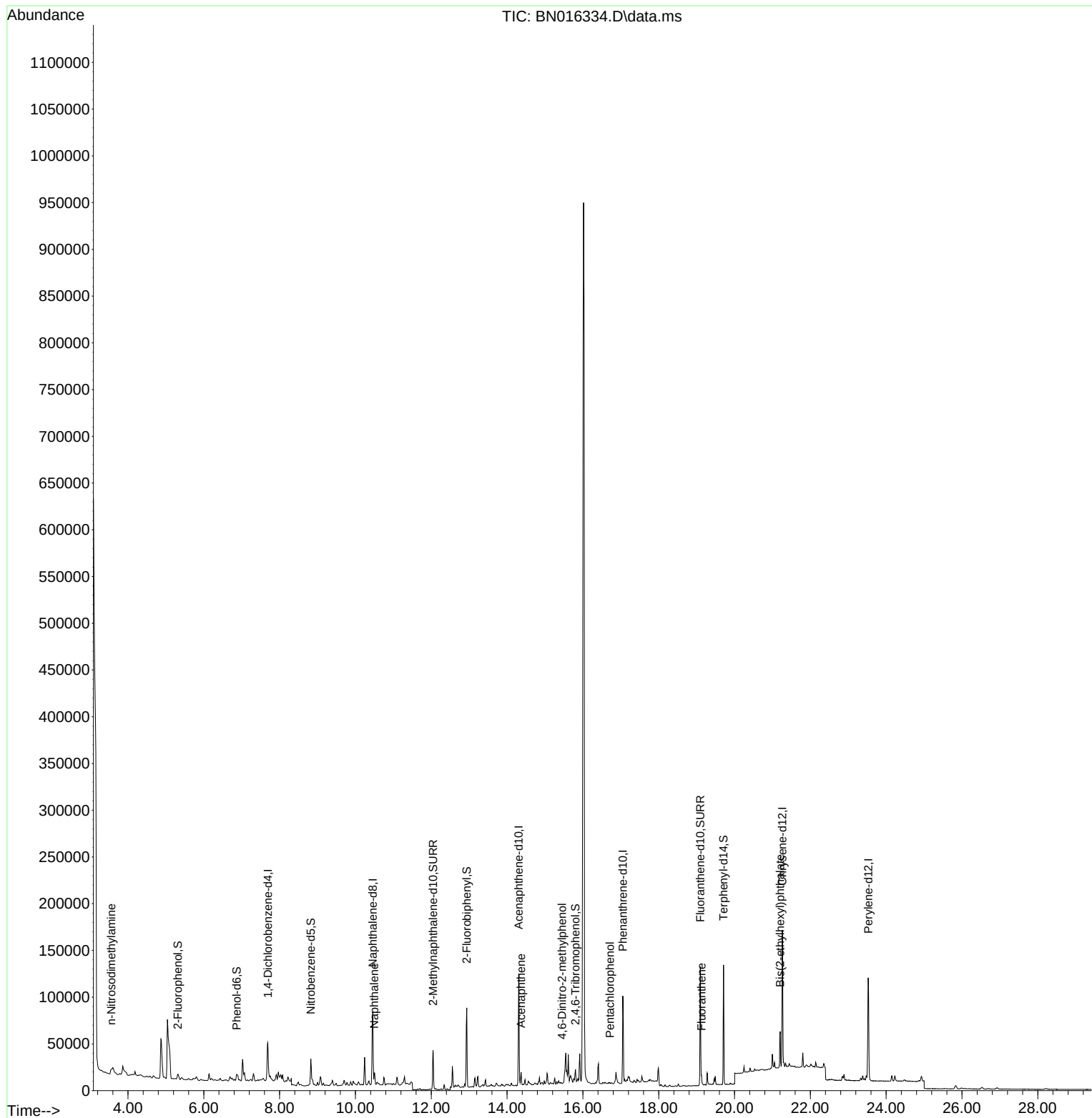
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	24566	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	111278	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	64101	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	126676	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	137754	0.400	ng	# 0.00
35) Perylene-d12	23.529	264	144149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7919	0.128	ng	0.02
5) Phenol-d6	6.868	99	5829	0.078	ng	0.00
8) Nitrobenzene-d5	8.823	82	22170	0.335	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	55511	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	8965	0.476	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	76717	0.306	ng	0.00
27) Fluoranthene-d10	19.098	212	140483	0.383	ng	0.00
31) Terphenyl-d14	19.708	244	124851	0.391	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.558	42	3479	0.149	ng	# 1
9) Naphthalene	10.496	128	16261	0.054	ng	95
17) Acenaphthene	14.370	154	6380	0.034	ng	94
20) 4,6-Dinitro-2-methylph...	15.449	198	103	0.162	ng	# 1
24) Pentachlorophenol	16.713	266	743	0.032	ng	97
28) Fluoranthene	19.128	202	9035	0.022	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.206	149	38384	0.161	ng	100

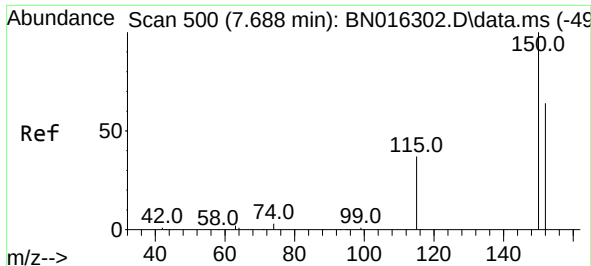
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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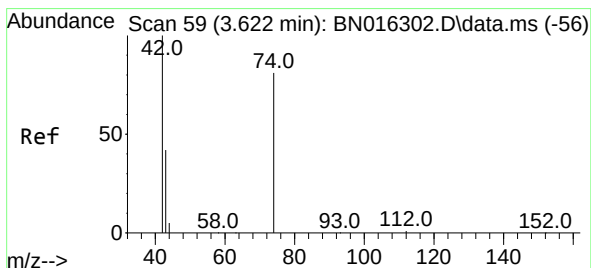
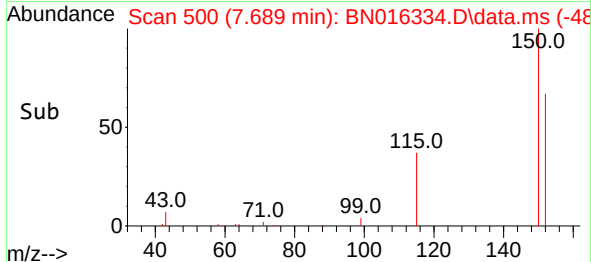
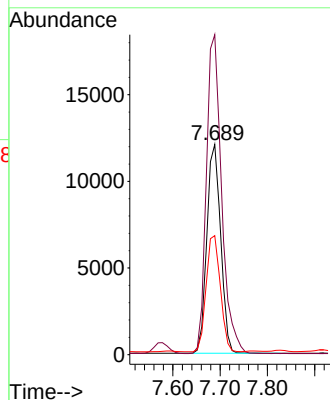
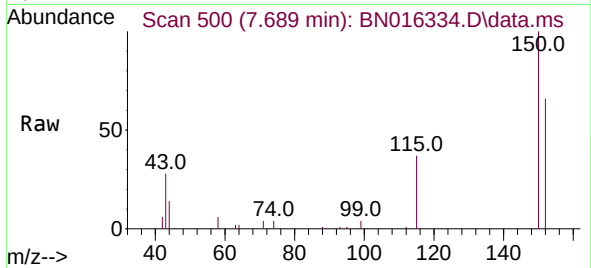




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

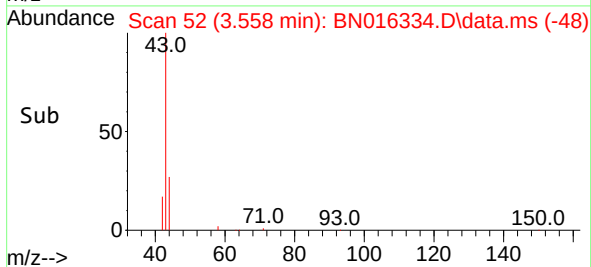
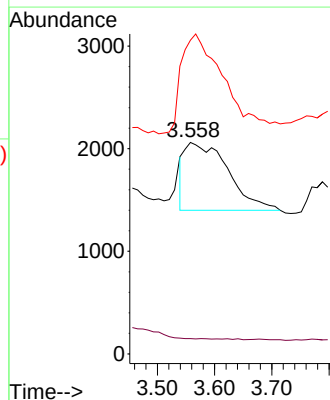
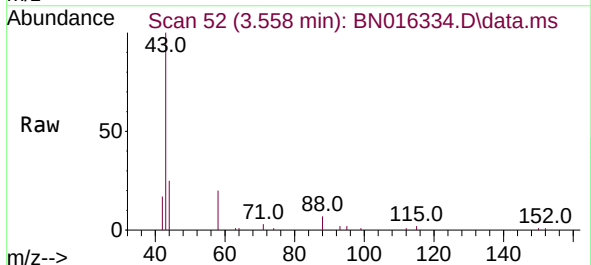
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

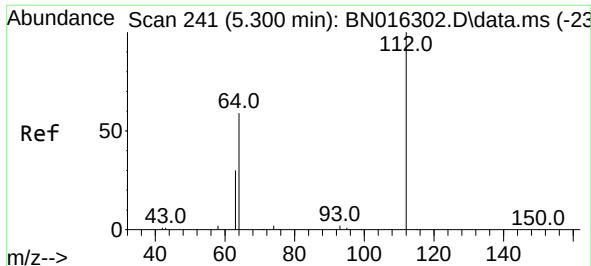
Tgt Ion:152 Resp: 24566
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.6 188.4
 115 56.6 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.149 ng
 RT: 3.558 min Scan# 52
 Delta R.T. -0.064 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

Tgt Ion: 42 Resp: 3479
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.6 170.4#
 44 107.9 0.0 0.0#

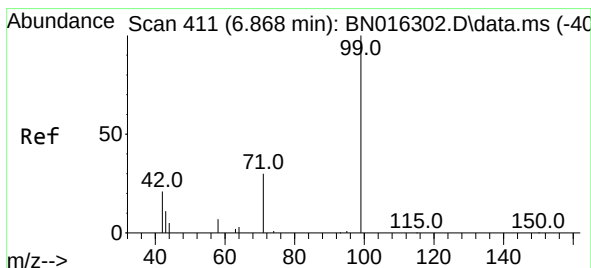
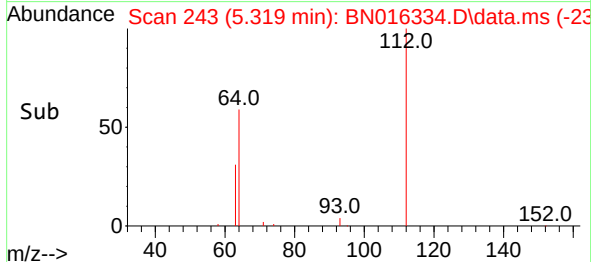
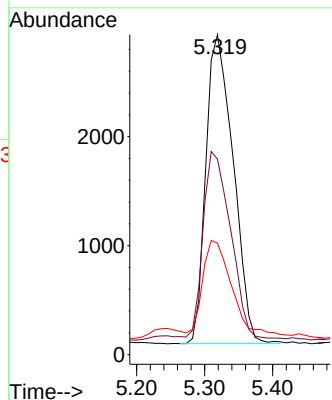
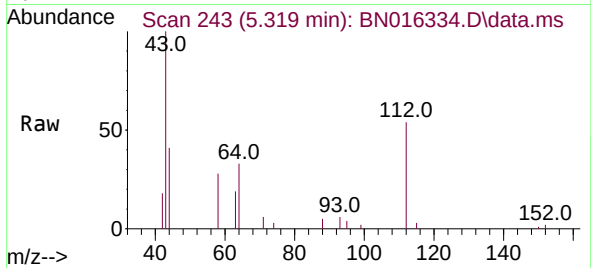




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.019 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

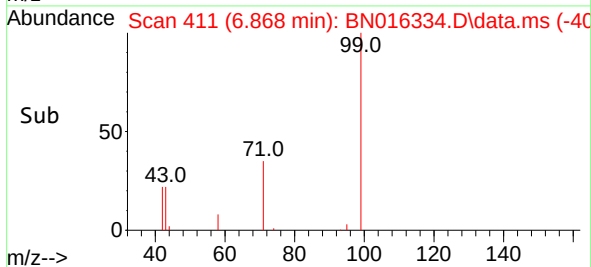
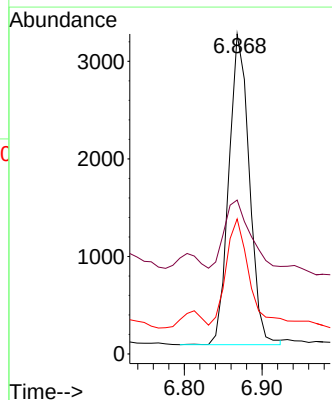
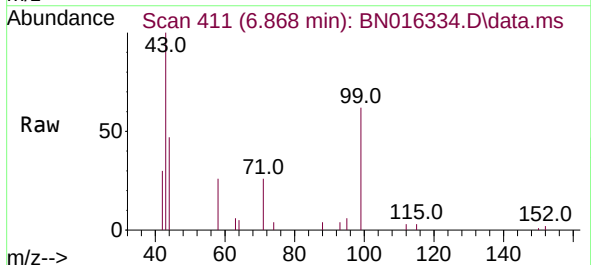
Instrument :
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ClientSampleId :
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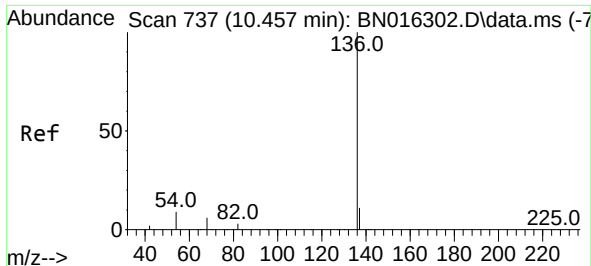
Tgt Ion:112 Resp: 7919
Ion Ratio Lower Upper
112 100
64 60.4 47.3 70.9
63 31.1 23.4 35.0



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion: 99 Resp: 5829
Ion Ratio Lower Upper
99 100
42 27.1 14.0 21.0#
71 37.9 23.8 35.6#

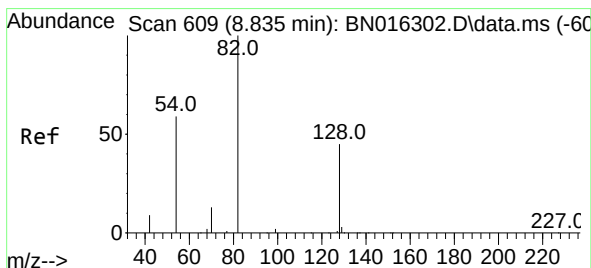
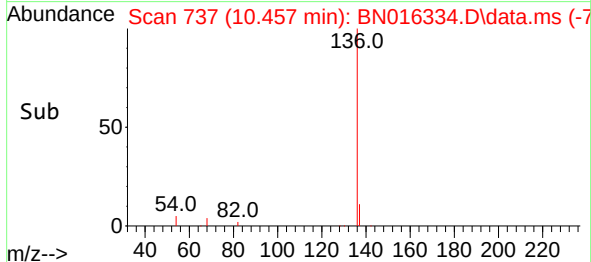
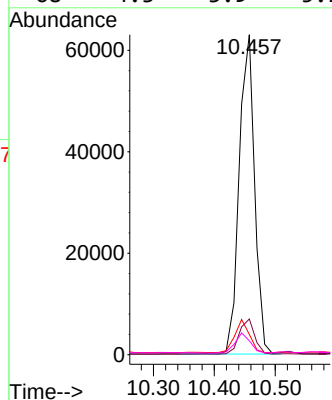
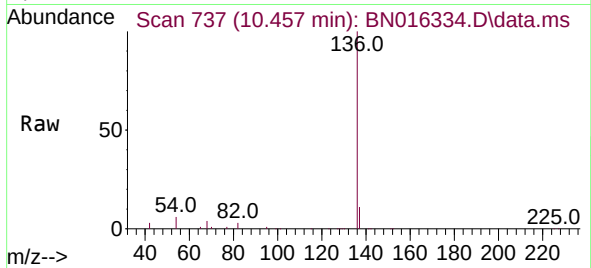




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

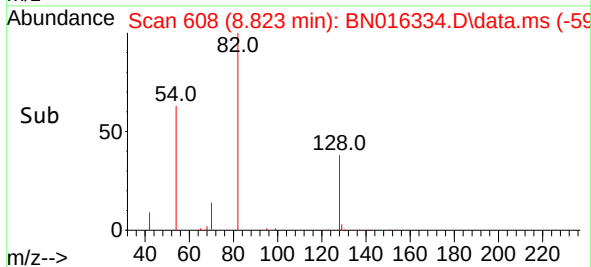
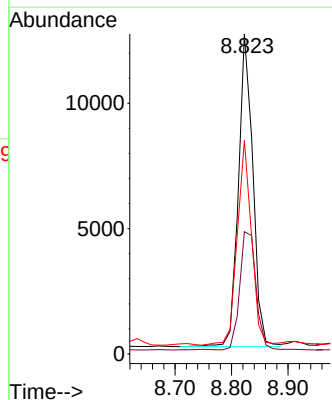
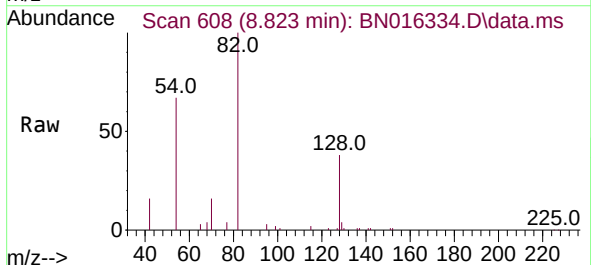
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

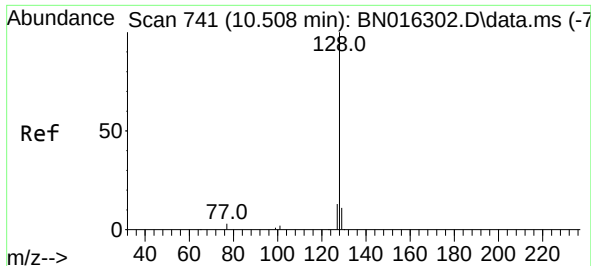
Tgt Ion:	136	Resp:	111278
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.4	5.3	7.9
68	4.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.823 min Scan# 608
Delta R.T. -0.012 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:	82	Resp:	22170
Ion	Ratio	Lower	Upper
82	100		
128	38.2	31.7	47.5
54	66.7	46.4	69.6

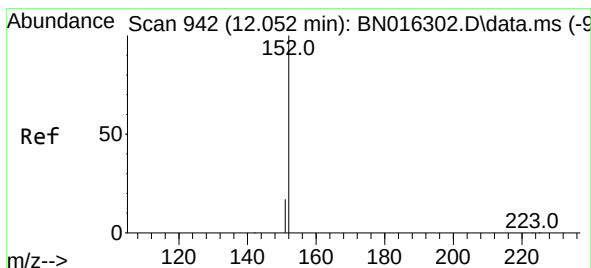
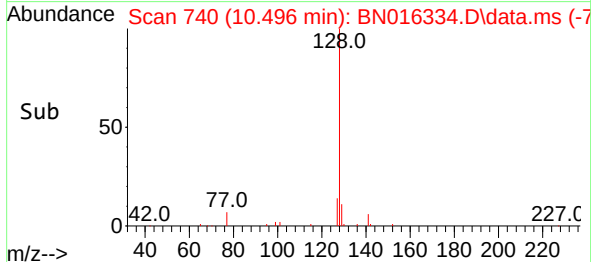
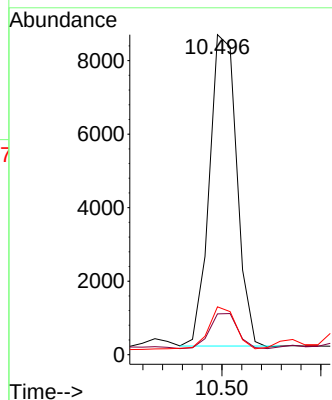
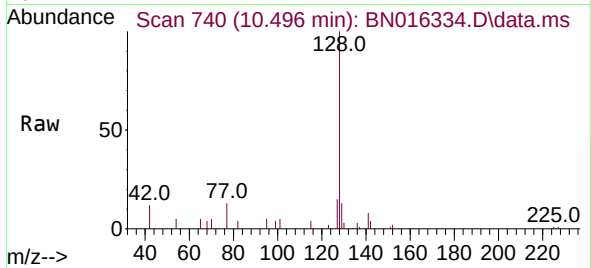




#9
Naphthalene
Concen: 0.054 ng
RT: 10.496 min Scan# 740
Delta R.T. -0.012 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

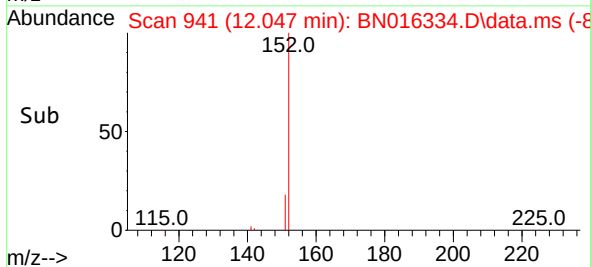
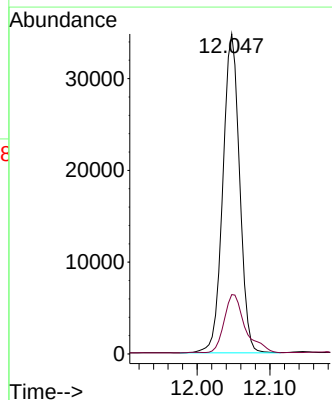
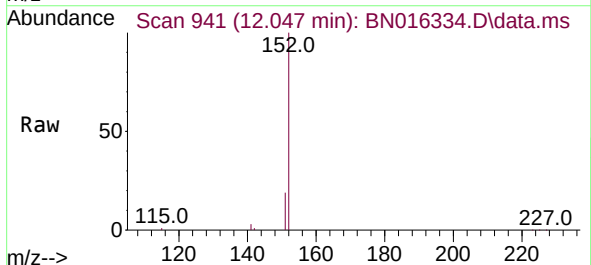
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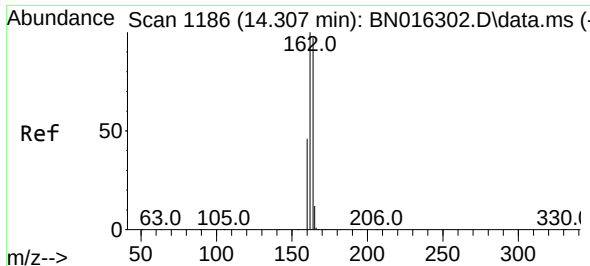
Tgt Ion:128 Resp: 16261
Ion Ratio Lower Upper
128 100
129 12.7 8.9 13.3
127 15.0 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:152 Resp: 55511
Ion Ratio Lower Upper
152 100
151 22.8 16.1 24.1

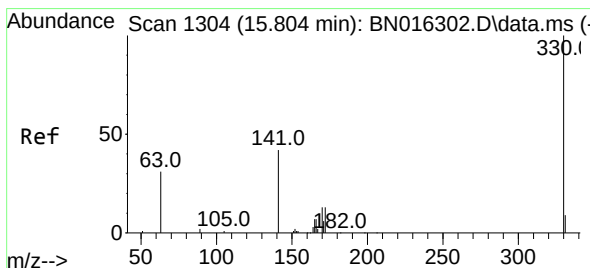
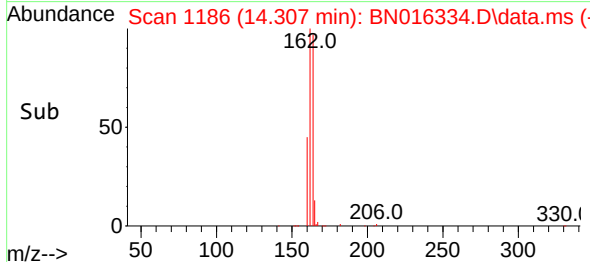
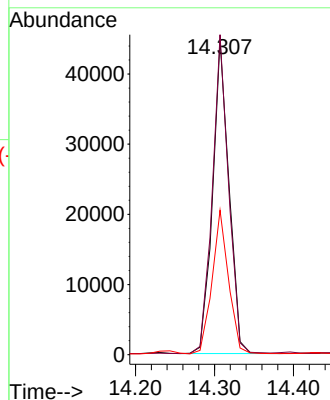
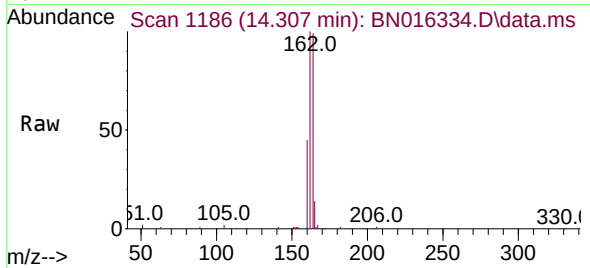




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

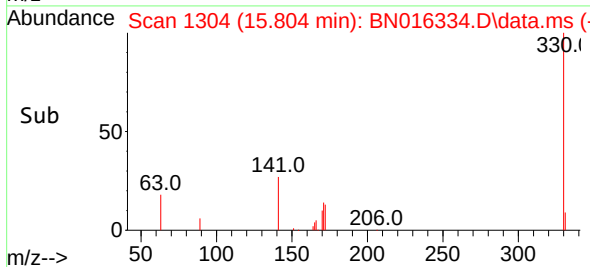
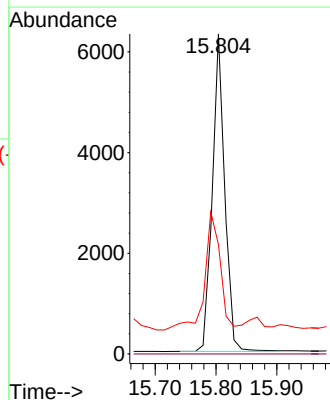
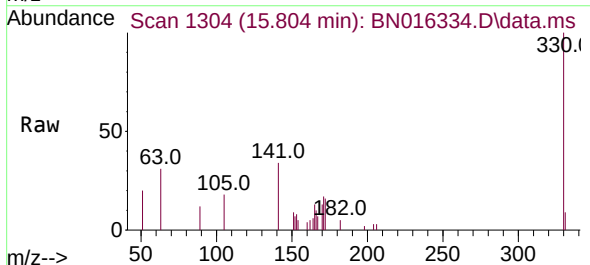
Instrument :
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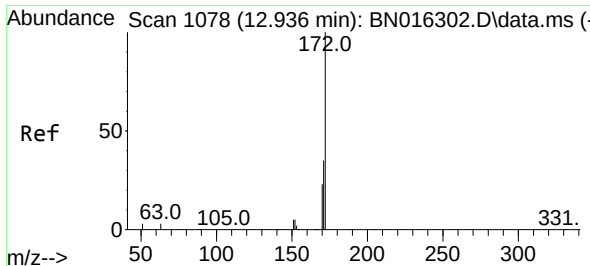
Tgt Ion:	164	Resp:	64101
Ion Ratio	Lower	Upper	
164	100		
162	101.5	79.0	118.4
160	45.8	34.1	51.1



#14
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:	330	Resp:	8965
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	41.3	25.0	37.4

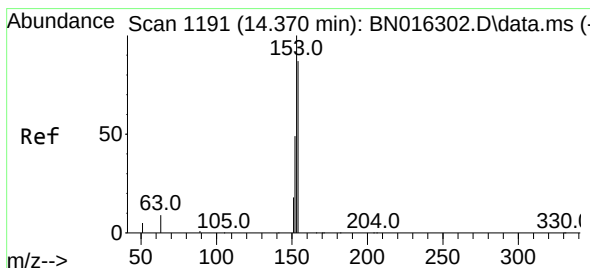
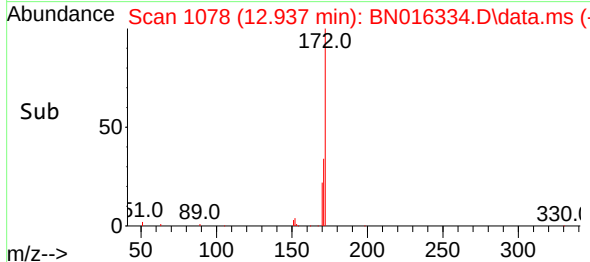
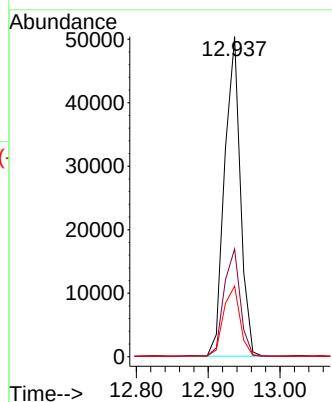
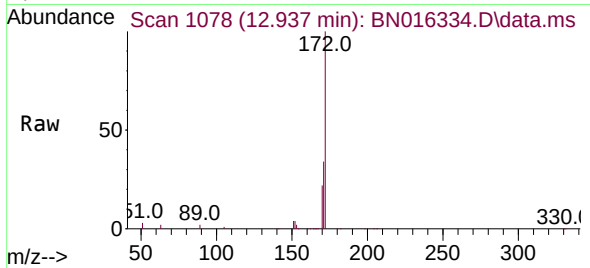




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

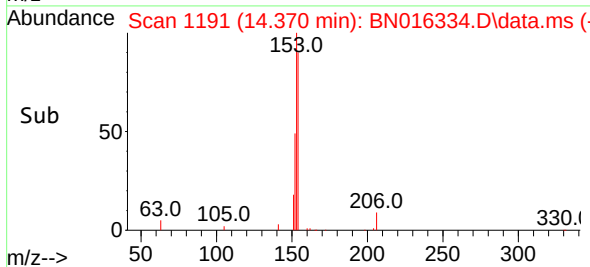
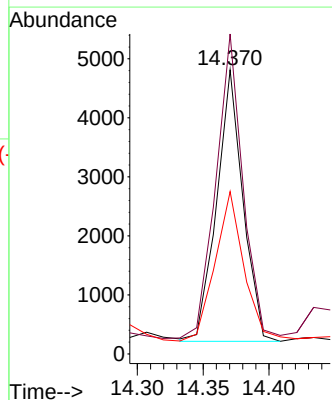
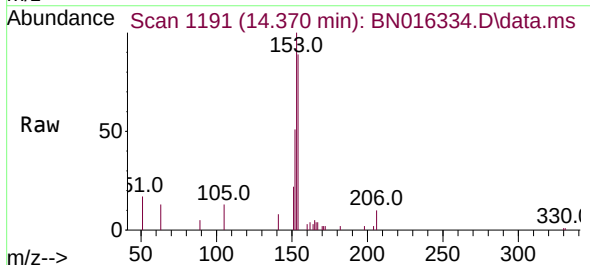
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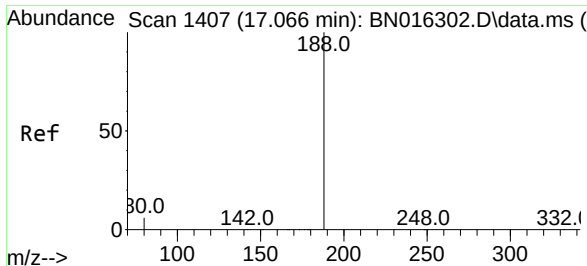
Tgt Ion:172 Resp: 76717
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.6
170 22.1 18.2 27.2



#17
Acenaphthene
Concen: 0.034 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:154 Resp: 6380
Ion Ratio Lower Upper
154 100
153 114.9 89.3 133.9
152 60.9 42.2 63.4

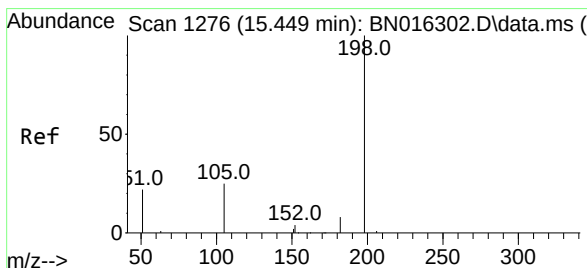
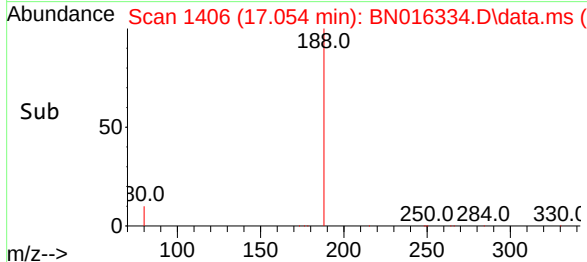
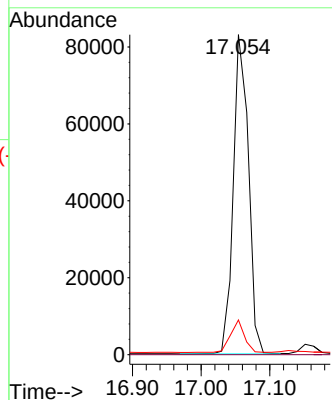
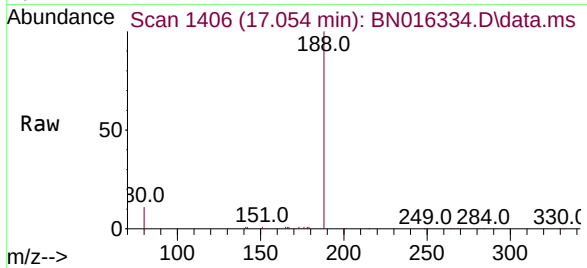




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

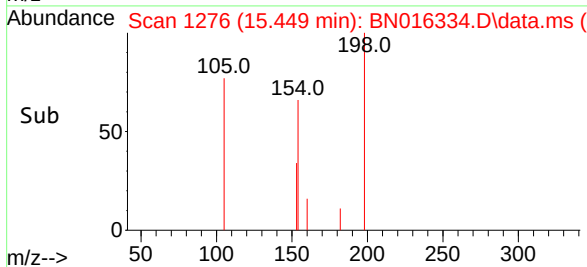
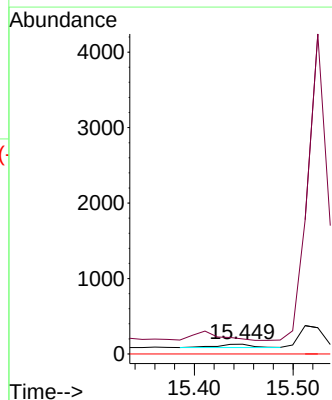
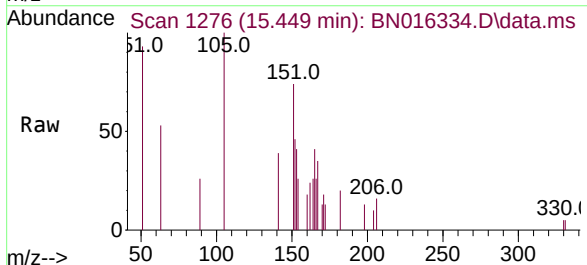
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

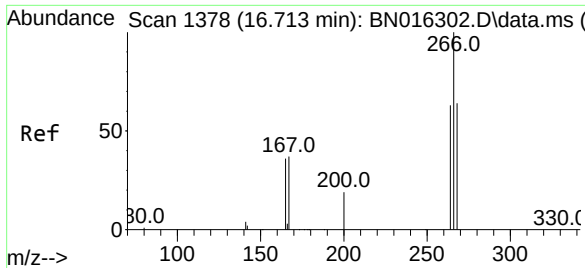
Tgt Ion:188 Resp: 126676
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.162 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:198 Resp: 103
Ion Ratio Lower Upper
198 100
182 154.3 26.6 39.8#
77 0.0 0.0 0.0

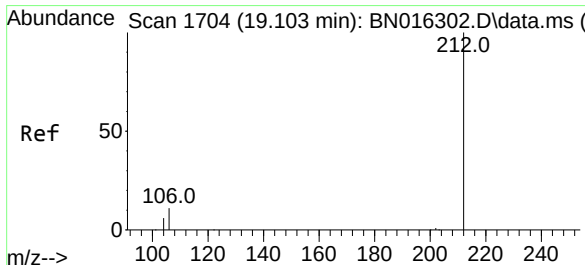
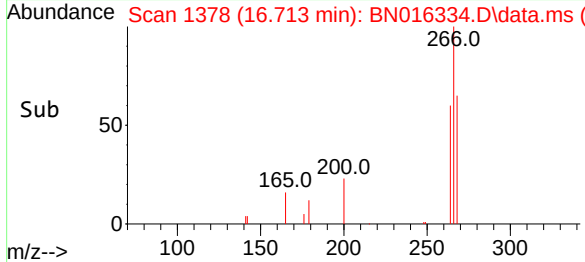
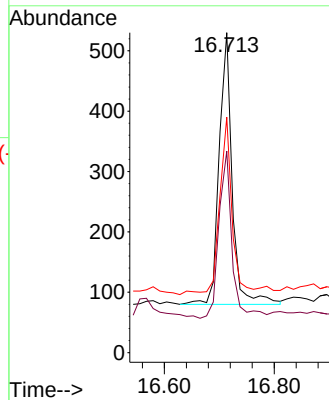
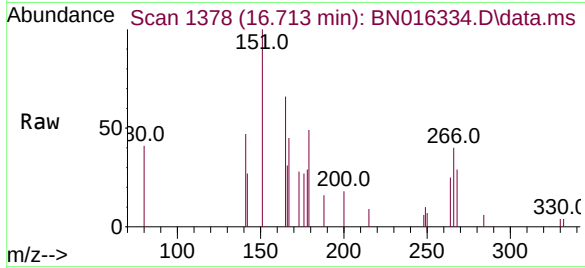




#24
 Pentachlorophenol
 Concen: 0.032 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

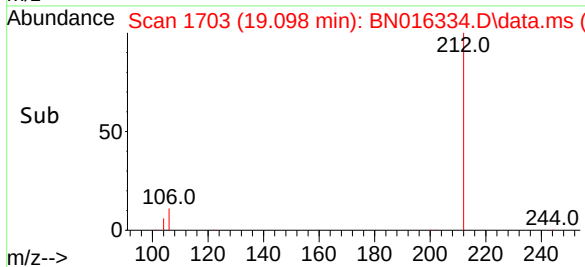
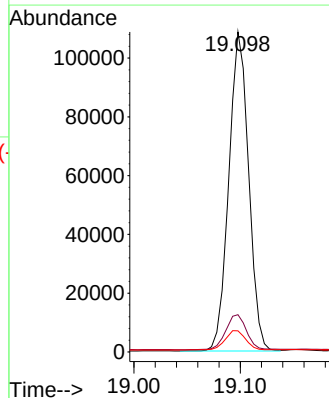
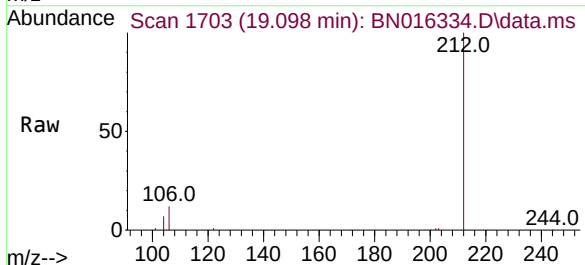
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

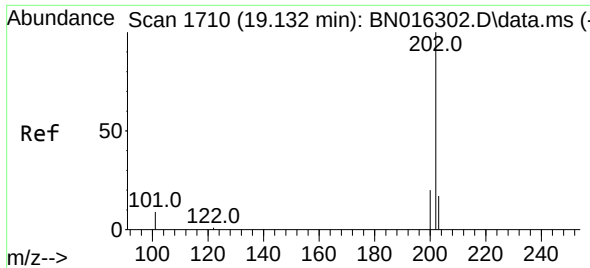
Tgt Ion:	266	Resp:	743
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.6	75.8
268	62.4	52.6	79.0



#27
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. -0.005 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

Tgt Ion:	212	Resp:	140483
Ion Ratio	Lower	Upper	
212	100		
106	11.6	9.8	14.6
104	6.4	5.4	8.2

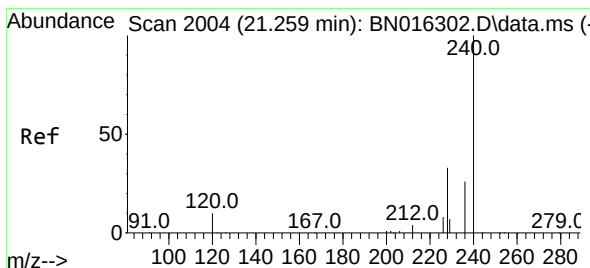
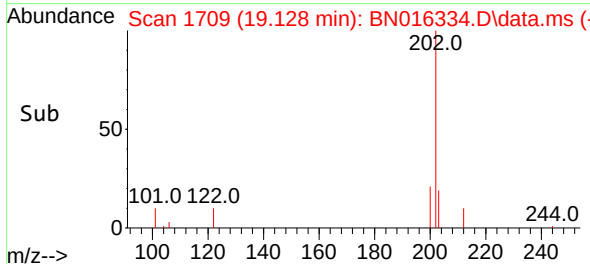
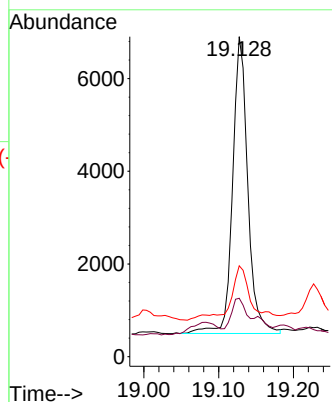
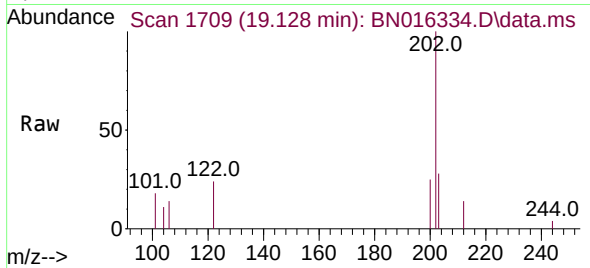




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

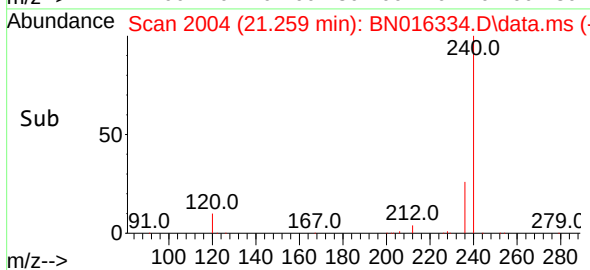
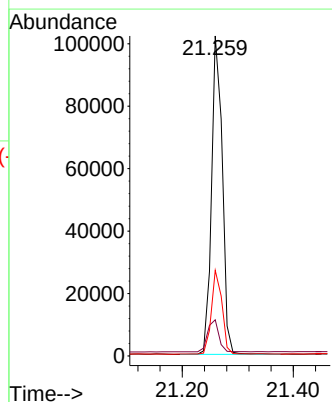
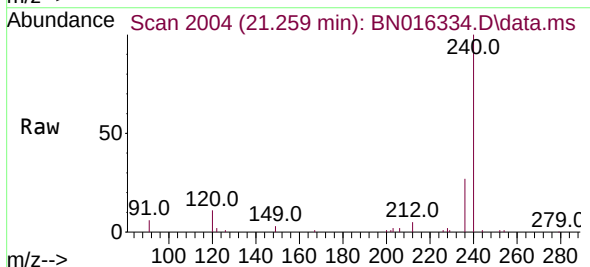
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

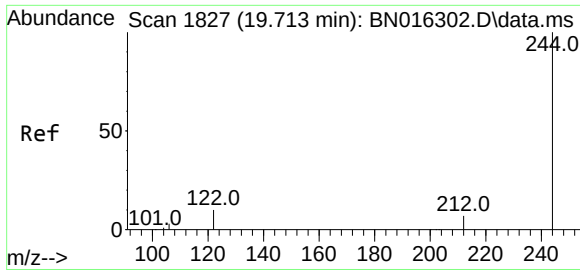
Tgt Ion:202 Resp: 9035
Ion Ratio Lower Upper
202 100
101 13.4 8.5 12.7#
203 24.3 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016334.D
Acq: 18 Sep 2021 14:32

Tgt Ion:240 Resp: 137754
Ion Ratio Lower Upper
240 100
120 11.3 5.3 7.9#
236 26.8 19.8 29.8

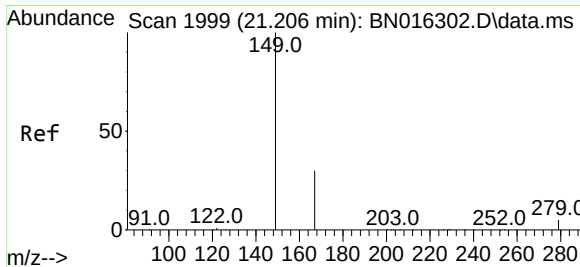
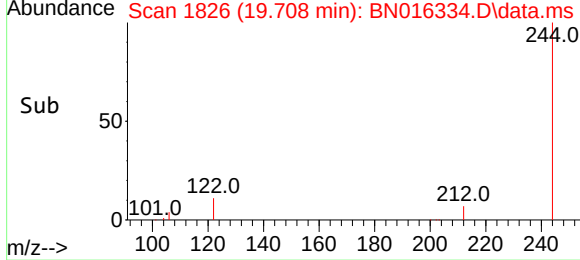
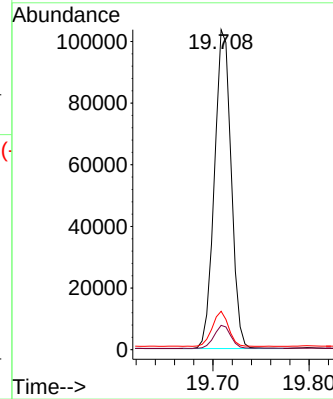
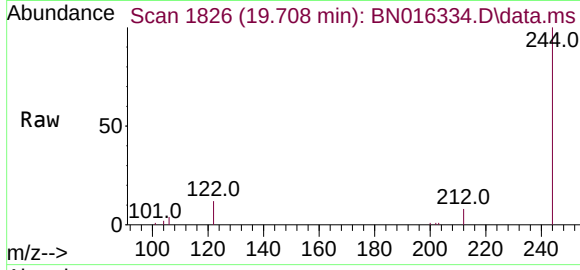




#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.005 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

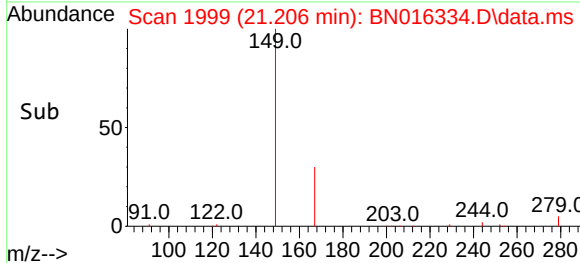
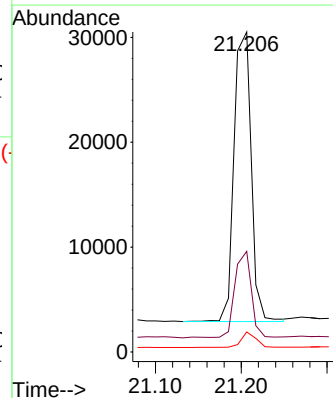
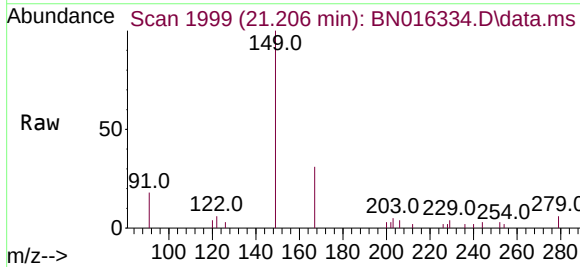
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

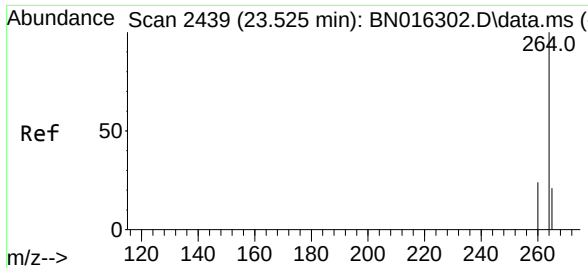
Tgt Ion:244	Resp:	124851
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	12.0	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

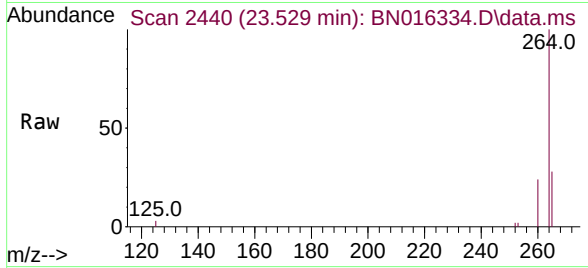
Tgt Ion:149	Resp:	38384
Ion Ratio	Lower	Upper
149	100	
167	29.0	23.4 35.0
279	4.7	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. 0.004 min
 Lab File: BN016334.D
 Acq: 18 Sep 2021 14:32

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)



Tgt Ion:264 Resp: 144149

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	28.4	23.7	35.5

