

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016352.D
 Acq On : 20 Sep 2021 19:59
 Operator : CG/JU
 Sample : M3729-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-820-822

Quant Time: Sep 21 01:34:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

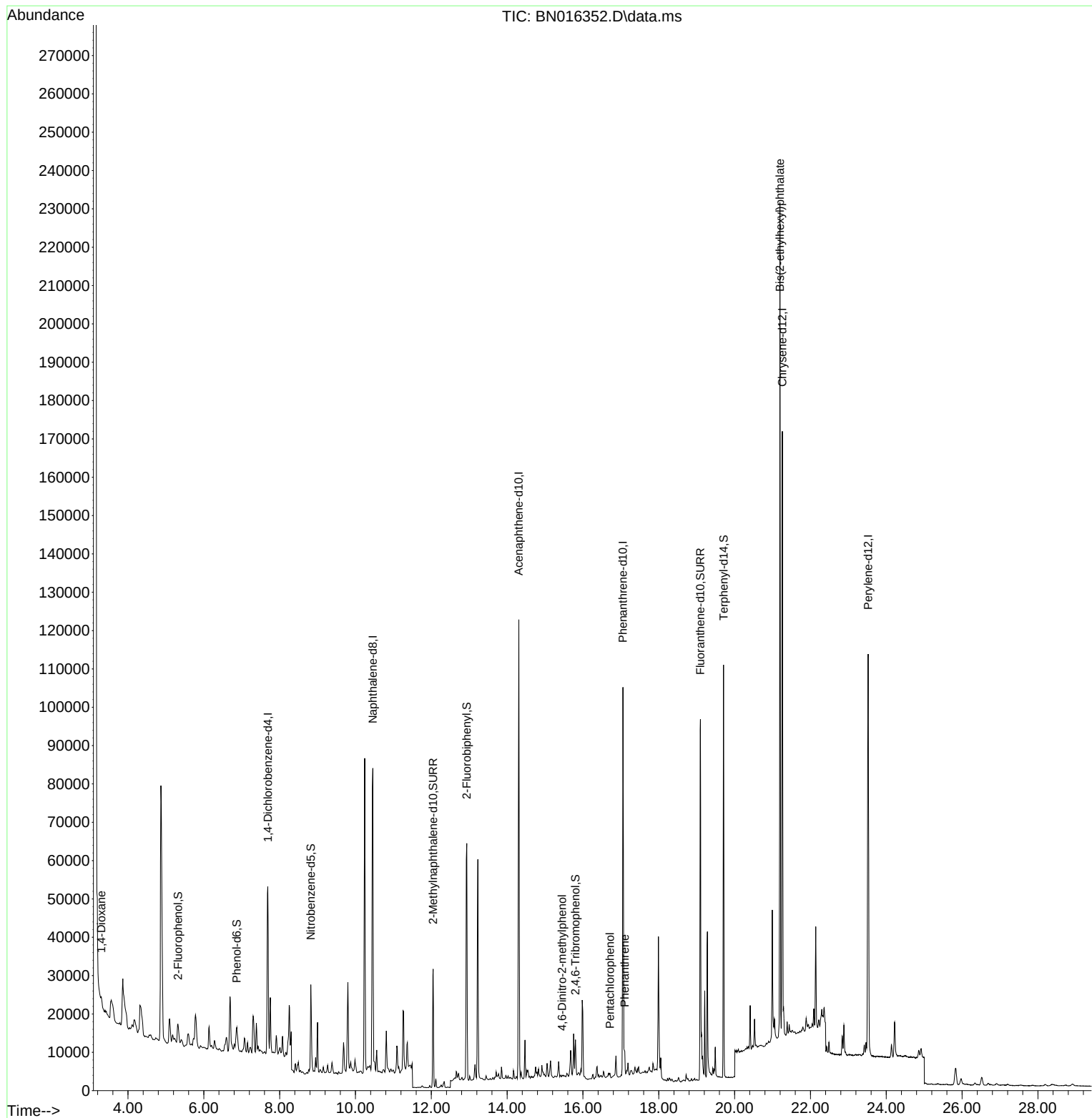
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	25492	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	115691	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	64799	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	130353	0.400	ng	0.00
29) Chrysene-d12	21.259	240	140724	0.400	ng	0.00
35) Perylene-d12	23.522	264	137282	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7344	0.115	ng	0.00
5) Phenol-d6	6.868	99	5321	0.069	ng	0.00
8) Nitrobenzene-d5	8.822	82	17575	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	40404	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6848	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	56125	0.221	ng	0.00
27) Fluoranthene-d10	19.098	212	105769	0.280	ng	0.00
31) Terphenyl-d14	19.708	244	102718	0.315	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	418	0.039	ng	Qvalue # 16
20) 4,6-Dinitro-2-methylph...	15.449	198	86	0.159	ng	# 1
24) Pentachlorophenol	16.713	266	552	0.023	ng	98
25) Phenanthrene	17.103	178	8137	0.022	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.196	149	177038	0.726	ng	99

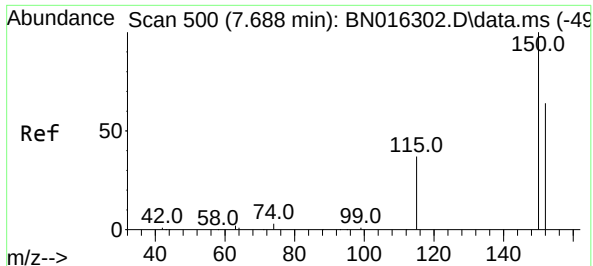
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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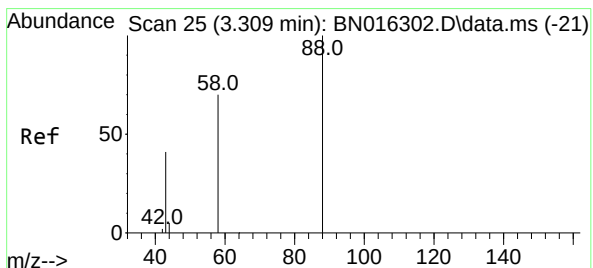
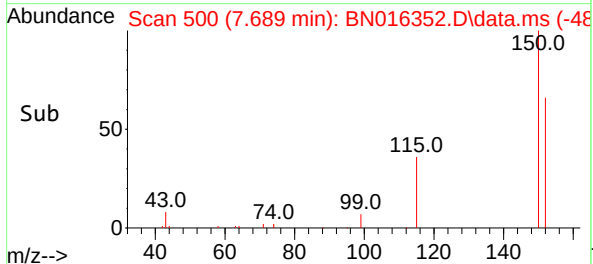
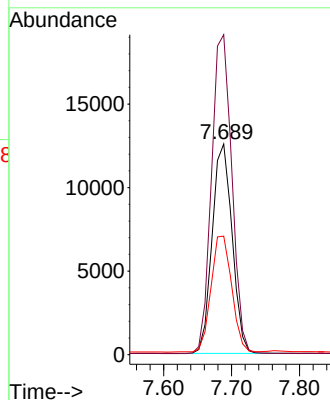
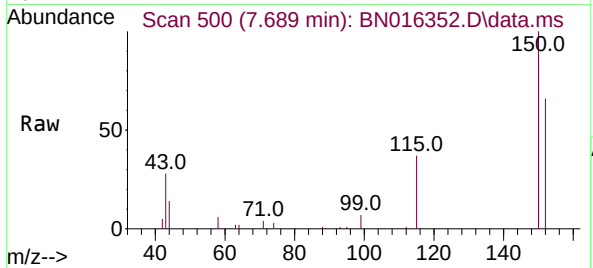




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

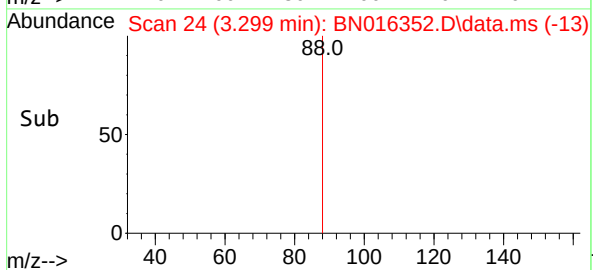
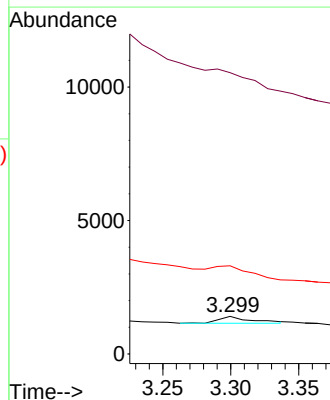
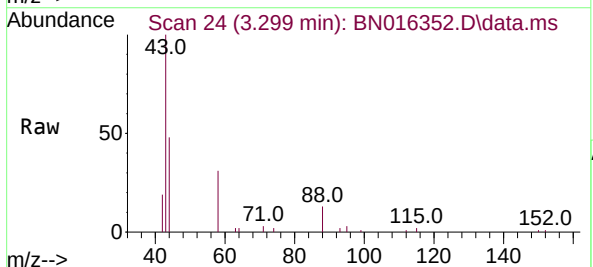
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-820-822

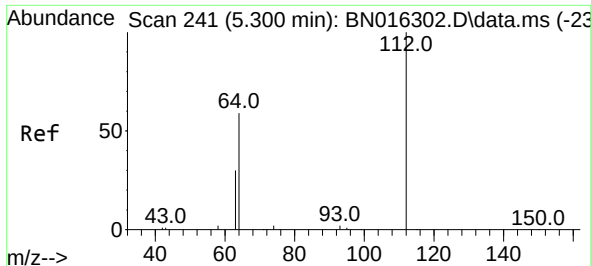
Tgt Ion:152 Resp: 25492
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.6 188.4
 115 56.3 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

Tgt Ion: 88 Resp: 418
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 0.0 69.9 104.9#

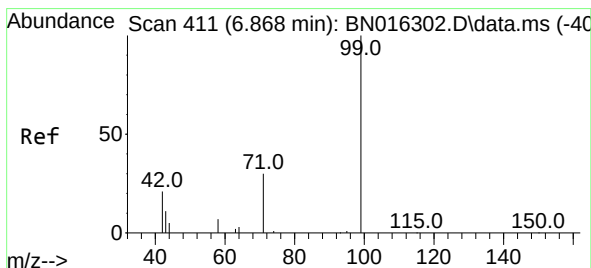
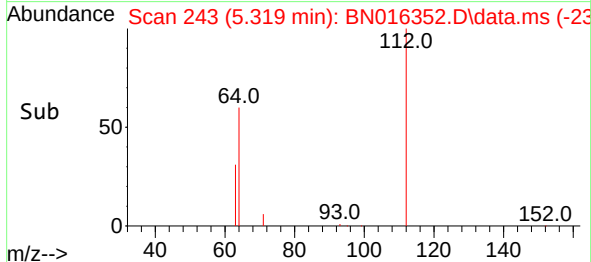
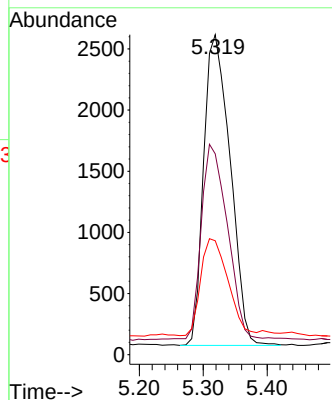
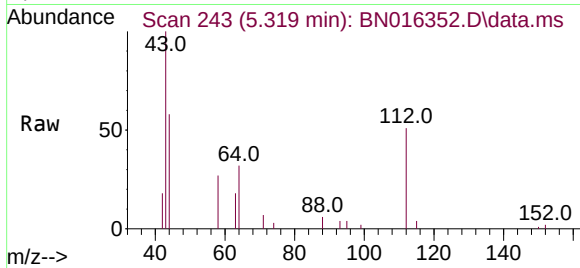




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

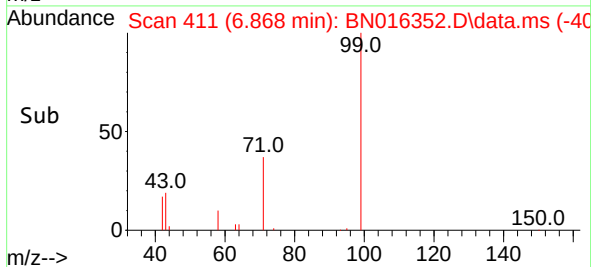
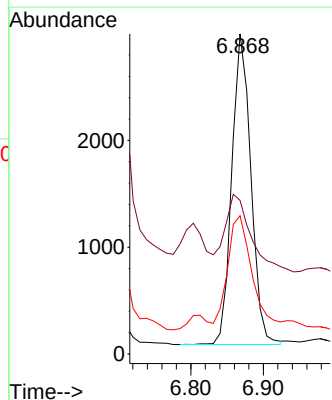
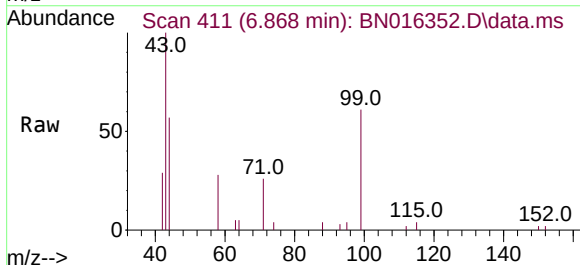
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

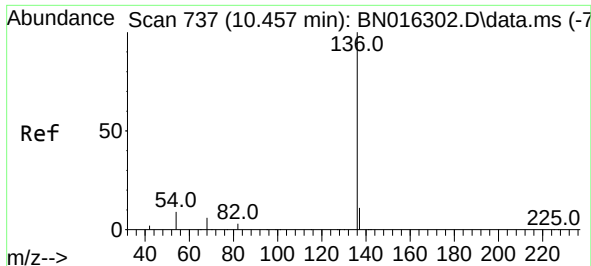
Tgt Ion:	112	Resp:	7344
Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.3	70.9
63	32.1	23.4	35.0



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

Tgt Ion:	99	Resp:	5321
Ion	Ratio	Lower	Upper
99	100		
42	30.6	14.0	21.0#
71	42.6	23.8	35.6#

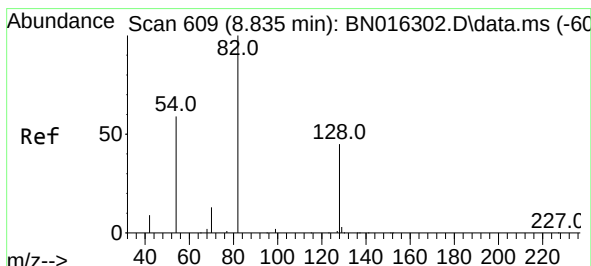
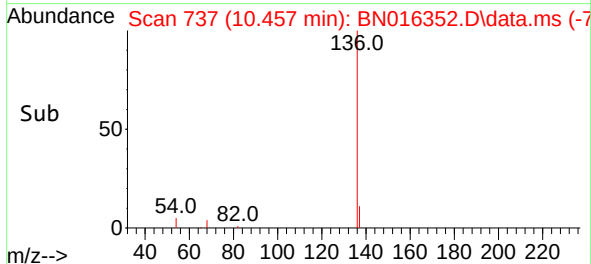
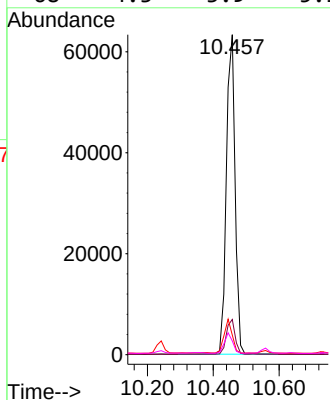
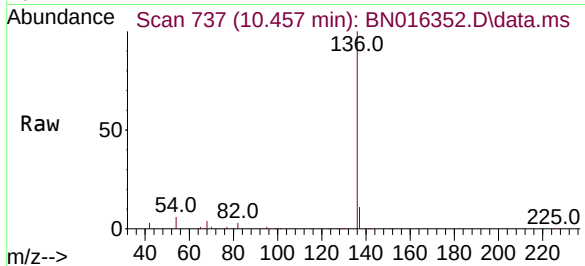




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

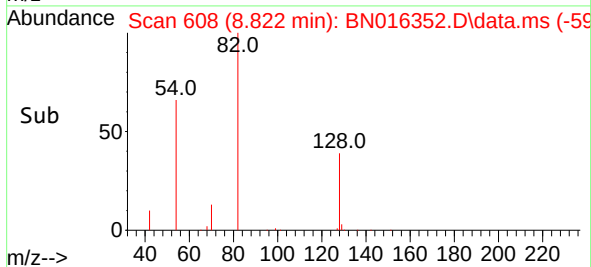
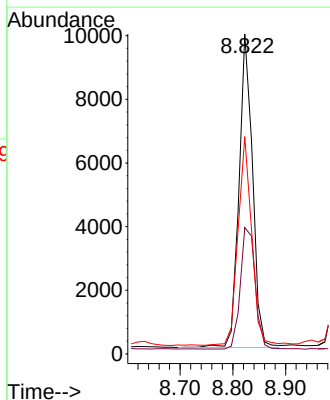
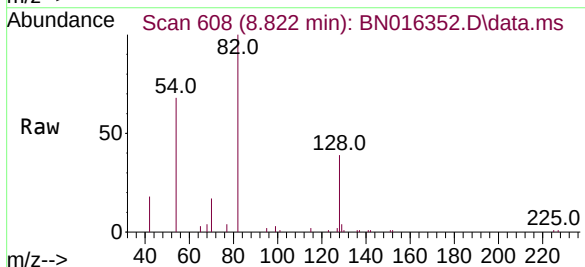
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

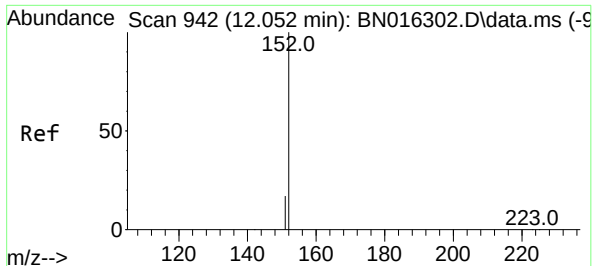
Tgt Ion:	136	Resp:	115691
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.2	5.3	7.9
68	4.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

Tgt Ion:	82	Resp:	17575
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.7	47.5
54	67.9	46.4	69.6

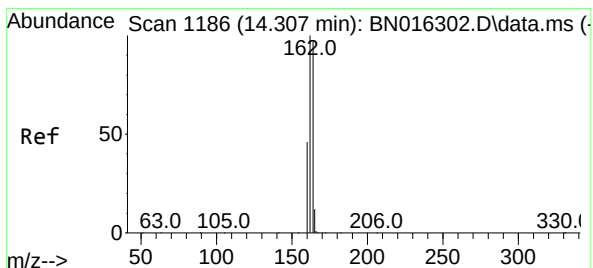
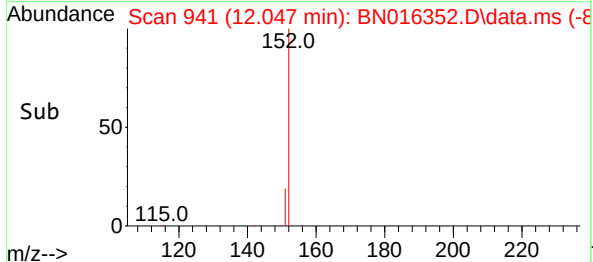
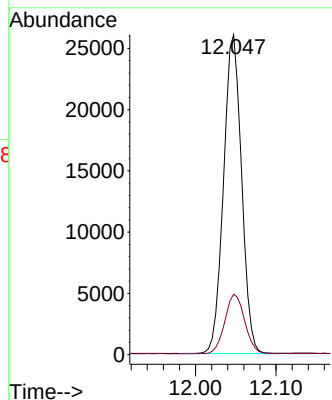
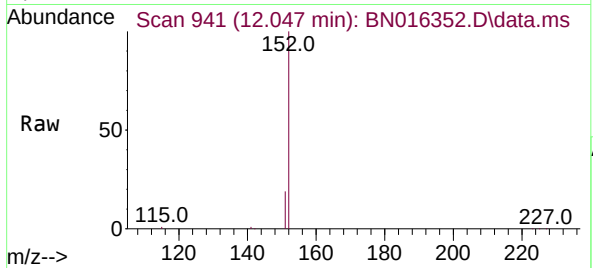




#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.047 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

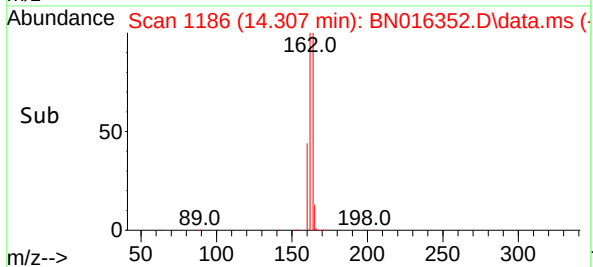
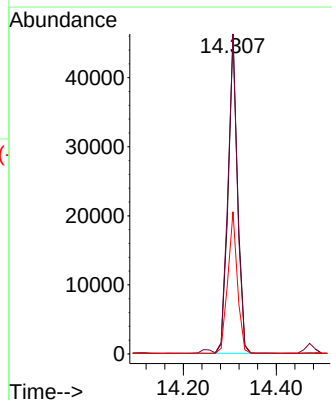
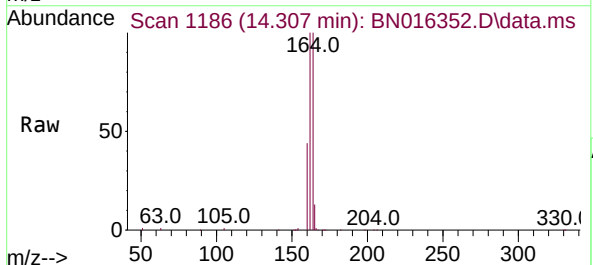
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

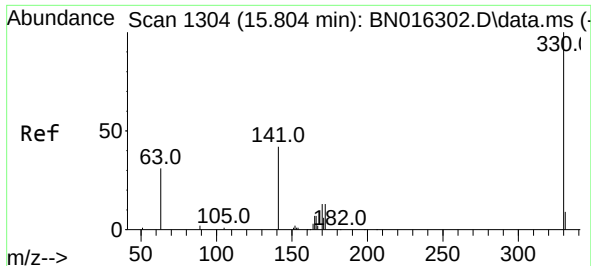
Tgt Ion:152 Resp: 40404
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

Tgt Ion:164 Resp: 64799
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 44.4 34.1 51.1

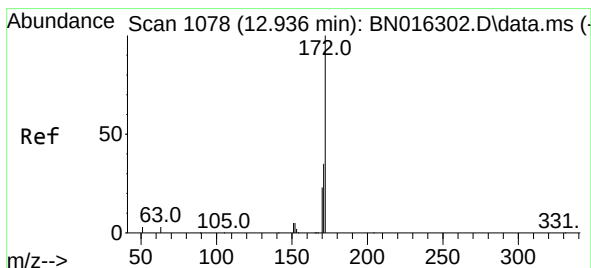
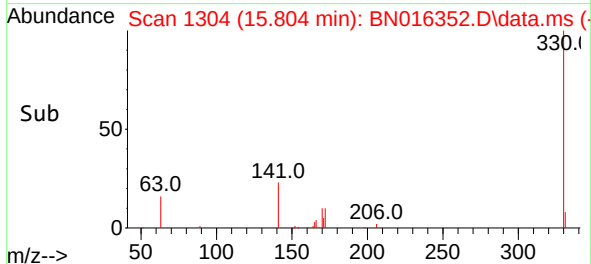
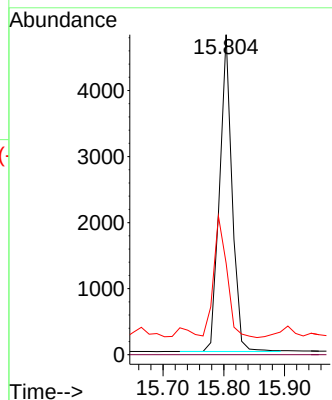
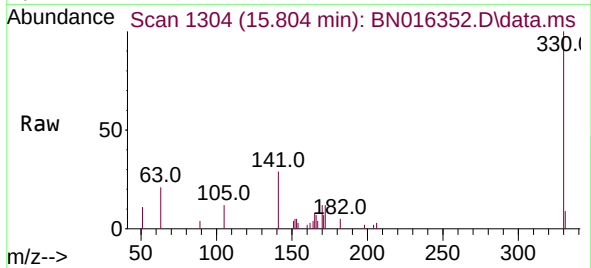




#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

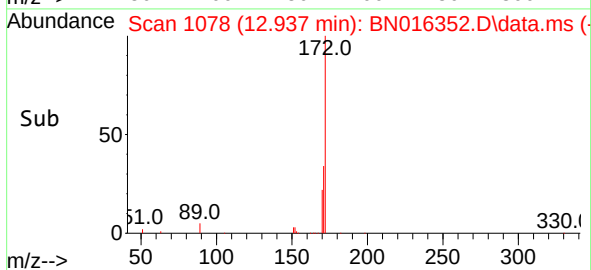
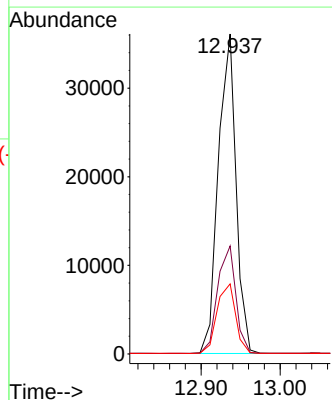
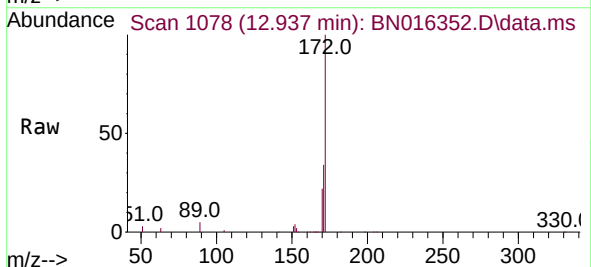
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ClientSampleId :
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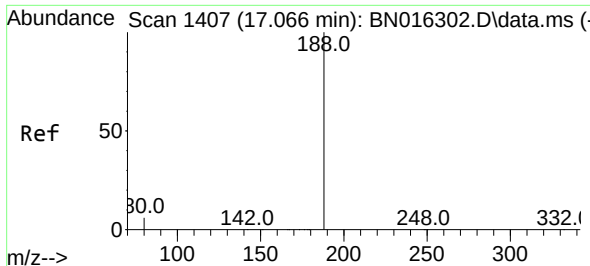
Tgt Ion:330 Resp: 6848
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

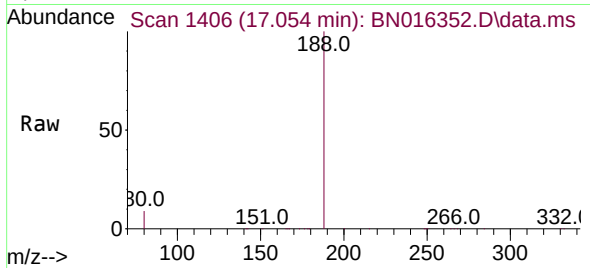
Tgt Ion:172 Resp: 56125
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.6
170 21.9 18.2 27.2



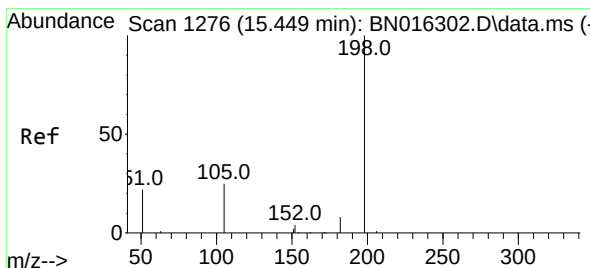
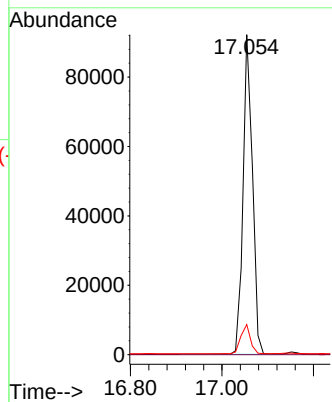
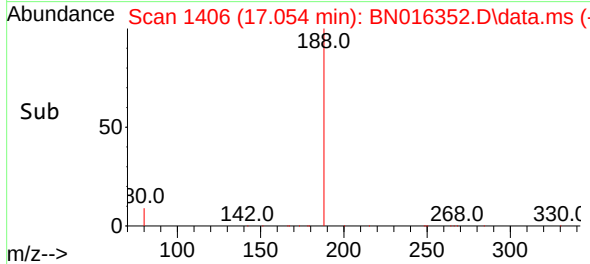


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

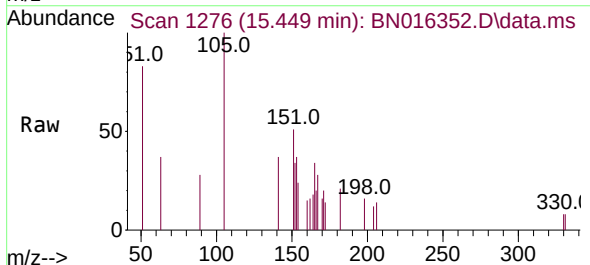
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822



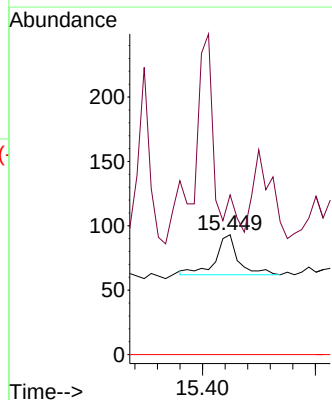
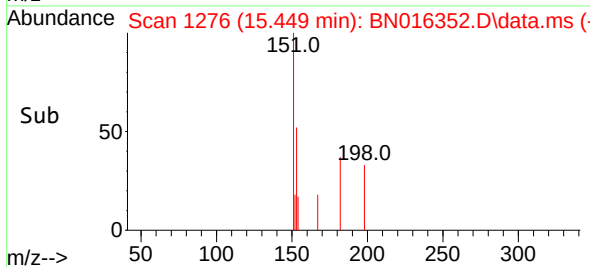
Tgt Ion:188 Resp: 130353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.0 10.6

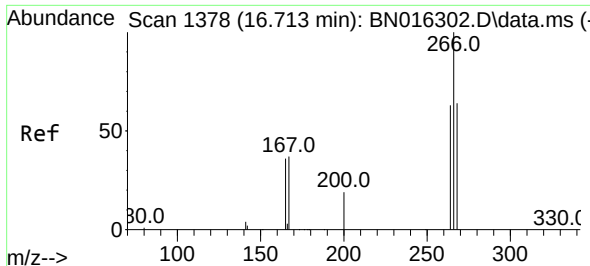


#20
4,6-Dinitro-2-methylphenol
Concen: 0.159 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59



Tgt Ion:198 Resp: 86
Ion Ratio Lower Upper
198 100
182 133.3 26.6 39.8#
77 0.0 0.0 0.0

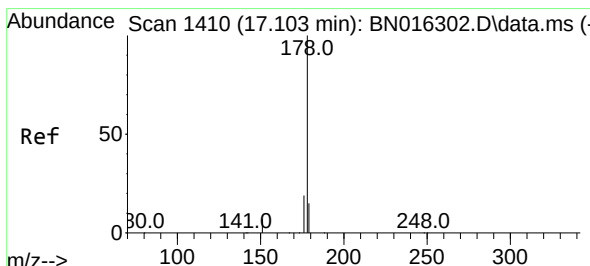
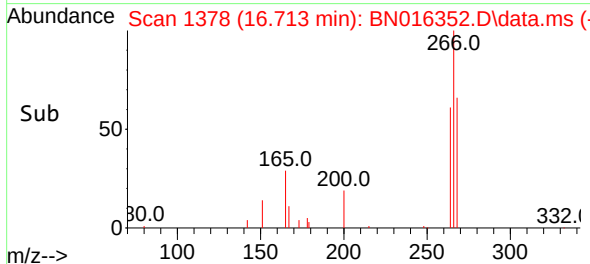
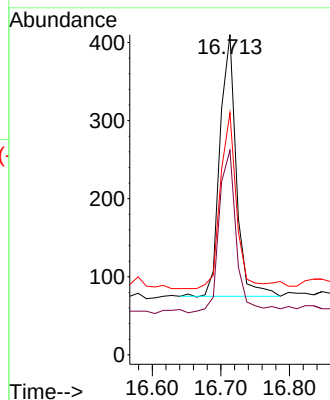
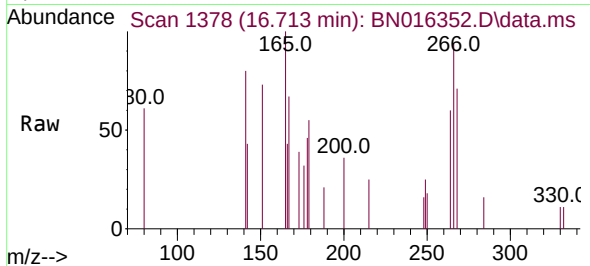




#24
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

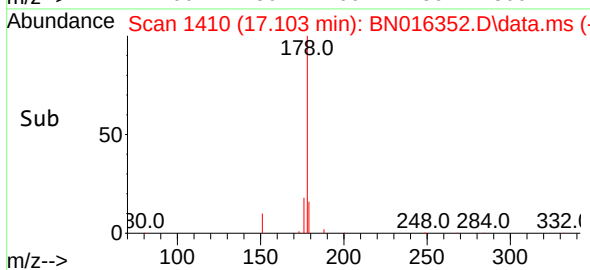
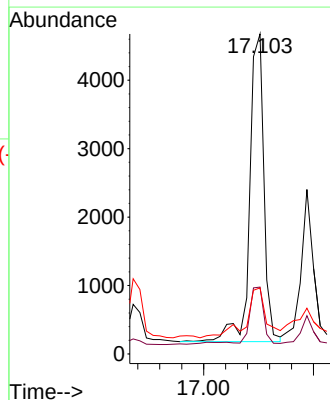
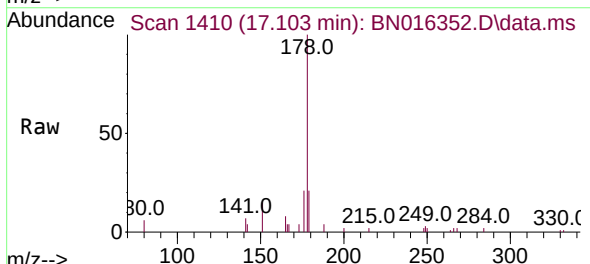
Instrument :
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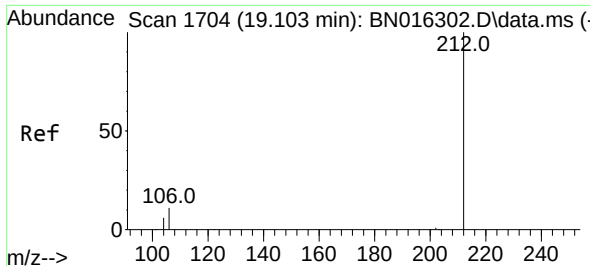
Tgt Ion:	266	Resp:	552
Ion Ratio	Lower	Upper	
266	100		
264	66.5	50.6	75.8
268	65.8	52.6	79.0



#25
 Phenanthrene
 Concen: 0.022 ng
 RT: 17.103 min Scan# 1410
 Delta R.T. 0.000 min
 Lab File: BN016352.D
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Tgt Ion:	178	Resp:	8137
Ion Ratio	Lower	Upper	
178	100		
176	17.3	14.4	21.6
179	23.1	12.2	18.4

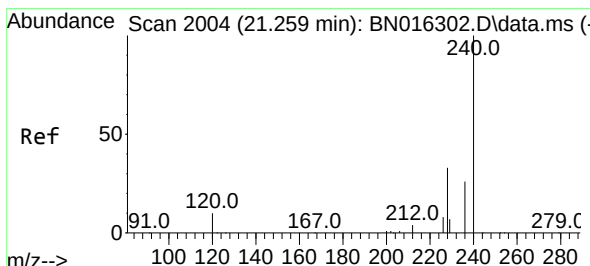
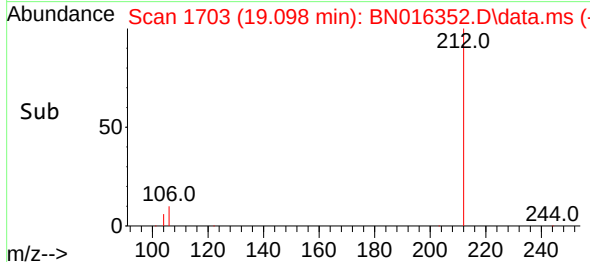
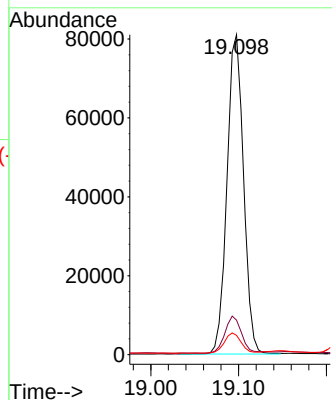
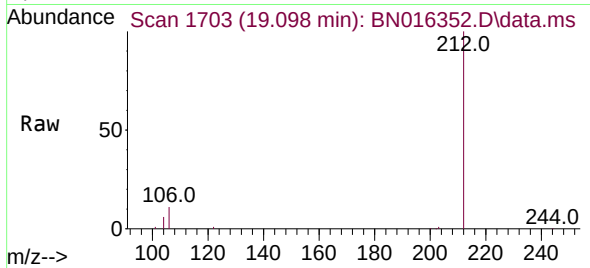




#27
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

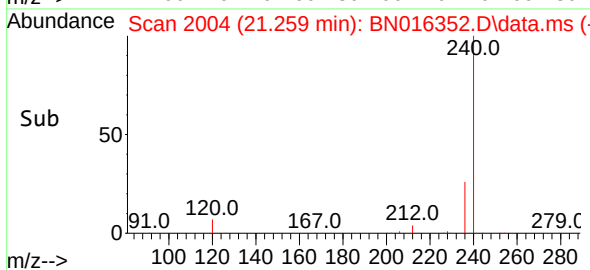
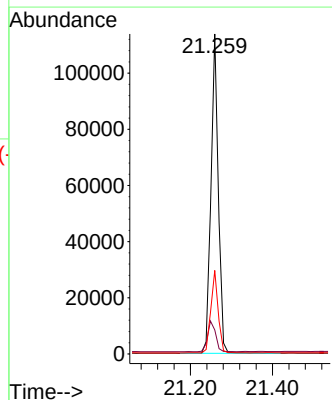
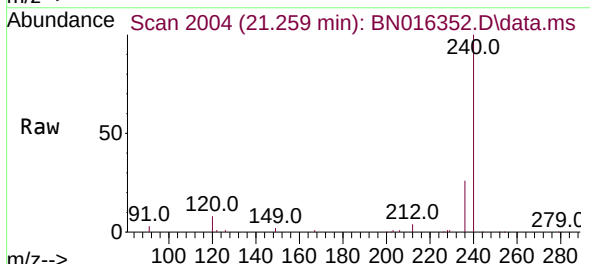
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

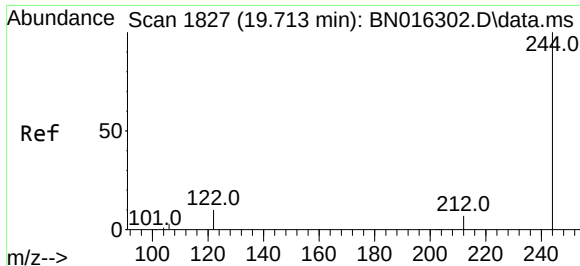
Tgt Ion:212 Resp: 105769
Ion Ratio Lower Upper
212 100
106 12.0 9.8 14.6
104 6.5 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016352.D
Acq: 20 Sep 2021 19:59

Tgt Ion:240 Resp: 140724
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 26.1 19.8 29.8

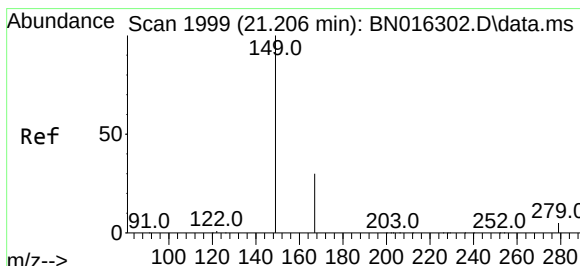
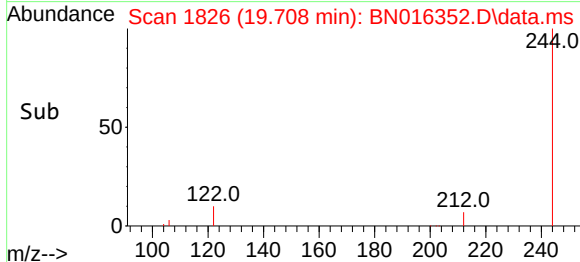
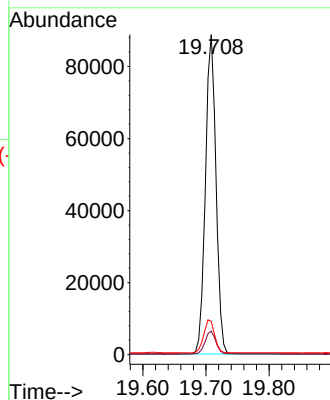
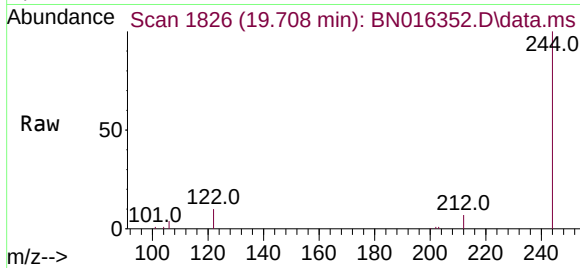




#31
 Terphenyl-d14
 Concen: 0.315 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

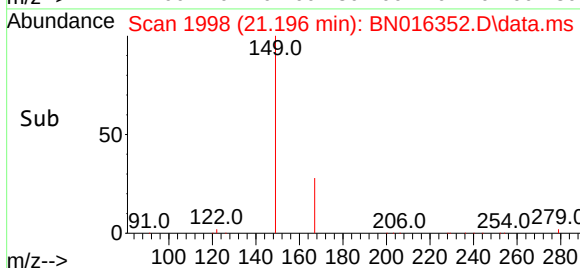
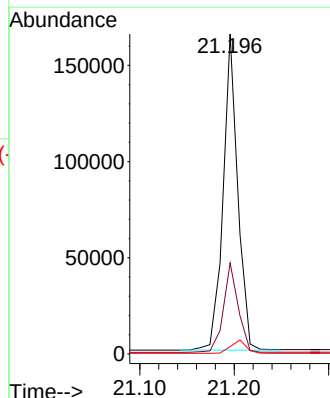
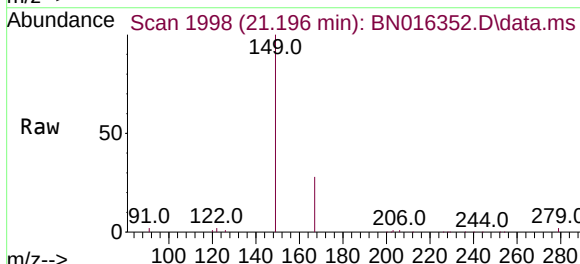
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-820-822

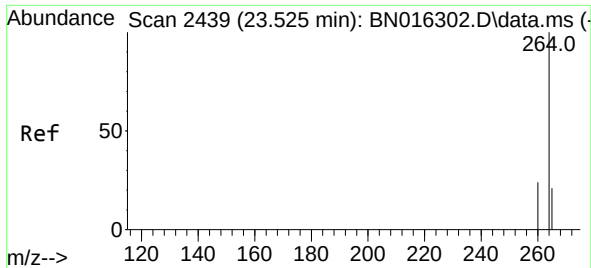
Tgt Ion:244 Resp: 102718
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.4 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.726 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

Tgt Ion:149 Resp: 177038
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.0
 279 4.5 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BN016352.D
 Acq: 20 Sep 2021 19:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-820-822

Tgt Ion:264	Resp:	137282
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.9 28.3
265	27.7	23.7 35.5

