

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
 Data File : BN014496.D
 Acq On : 29 Apr 2021 18:56
 Operator : CG/JU
 Sample : M2208-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

Quant Time: Apr 30 02:34:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 15:11:14 2021
 Response via : Initial Calibration

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

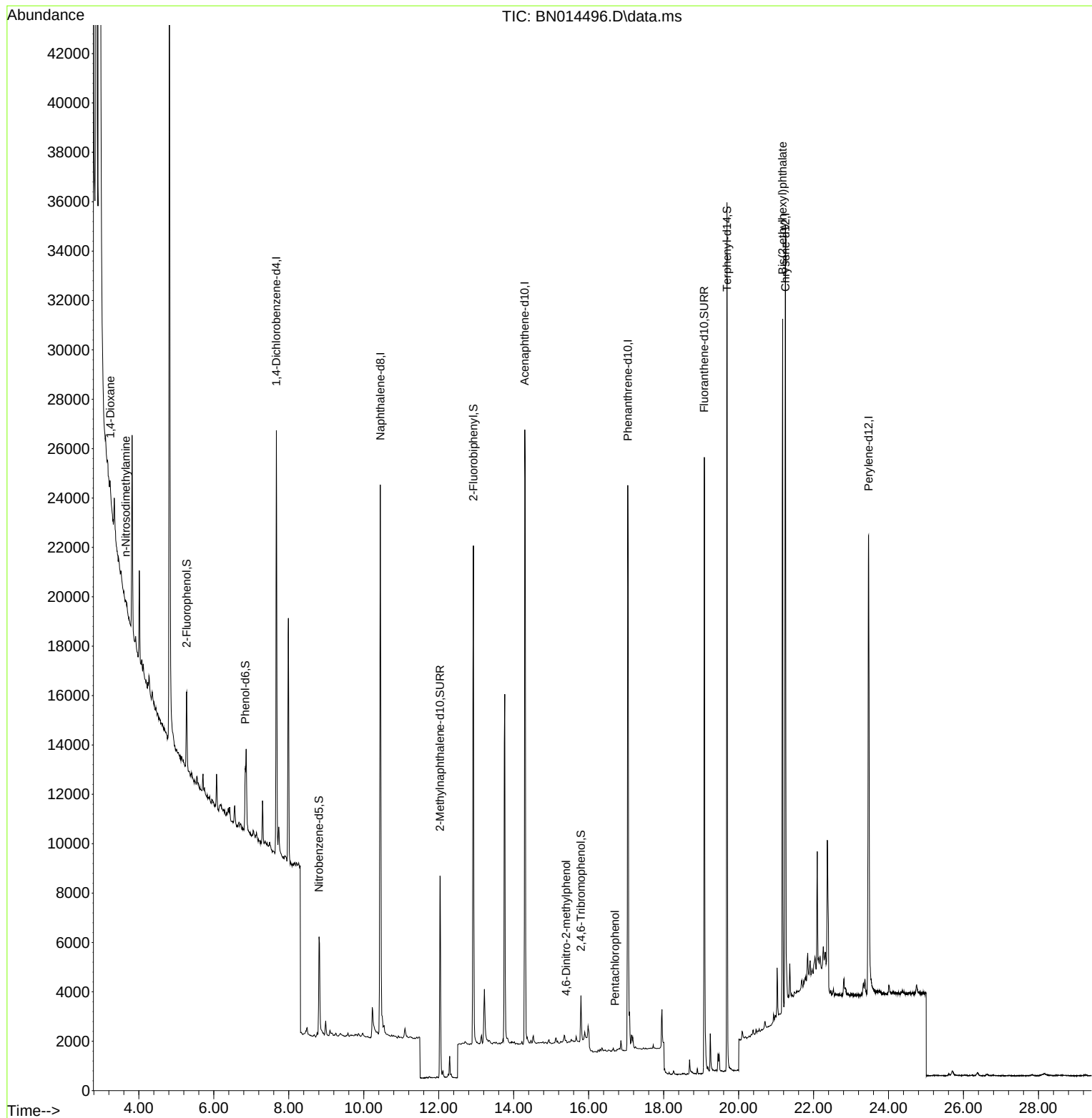
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	8321	0.40	ng	0.00
7) Naphthalene-d8	10.442	136	31181	0.40	ng	0.00
13) Acenaphthene-d10	14.296	164	16707	0.40	ng	0.00
19) Phenanthrene-d10	17.043	188	34708	0.40	ng	0.00
29) Chrysene-d12	21.250	240	32829	0.40	ng	0.00
35) Perylene-d12	23.469	264	27638	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.276	112	2769	0.19	ng	0.00
5) Phenol-d6	6.839	99	2252	0.12	ng	0.00
8) Nitrobenzene-d5	8.807	82	4264	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.035	152	11978	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.793	330	1481	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.925	172	19262	0.29	ng	0.00
27) Fluoranthene-d10	19.084	212	29871	0.25	ng	0.00
31) Terphenyl-d14	19.690	244	35335	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	684	0.07	ng	Qvalue # 69
3) n-Nitrosodimethylamine	3.650	42	58	0.18	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.399	198	6	0.25	ng	# 1
24) Pentachlorophenol	16.703	266	15	0.30	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.176	149	26913	1.13	ng	100

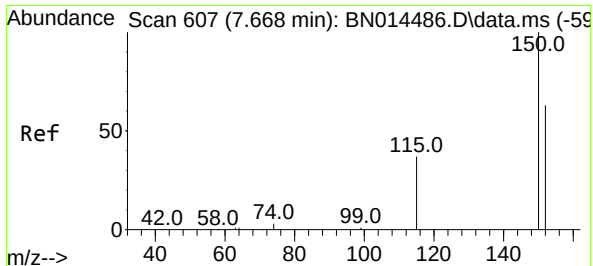
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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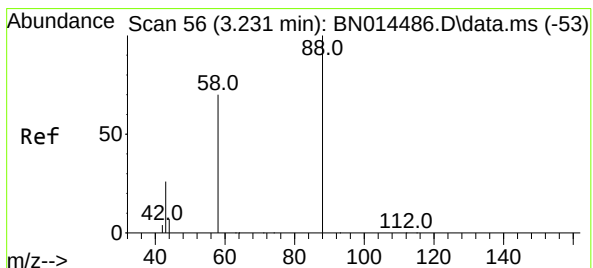
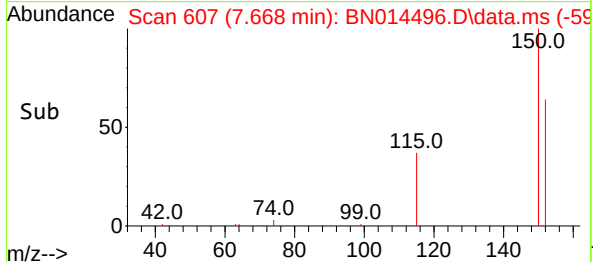
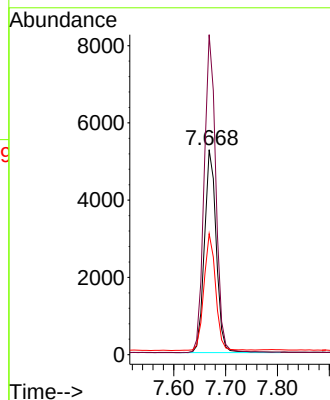
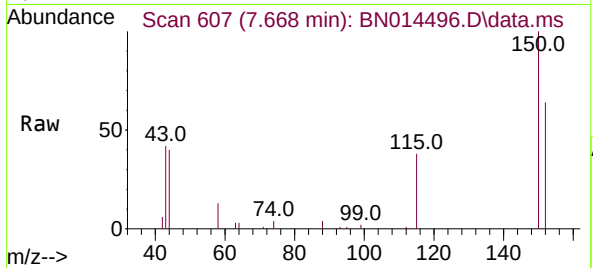




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.668 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: BN014496.D
 Acq: 29 Apr 2021 18:56

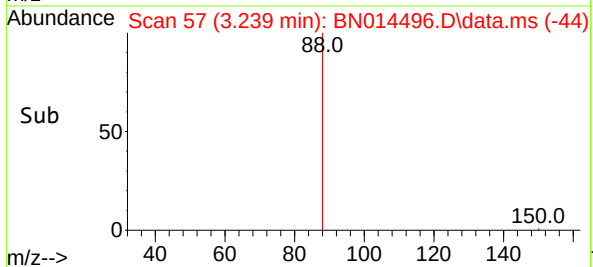
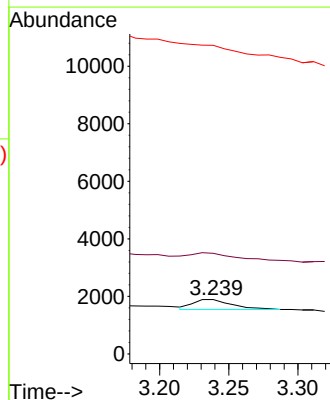
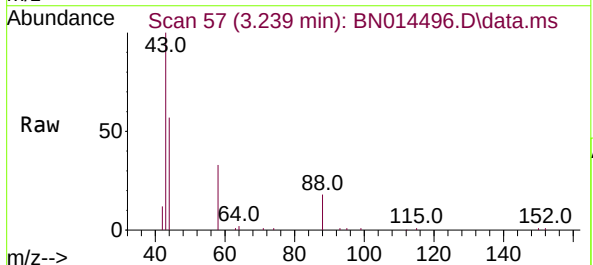
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

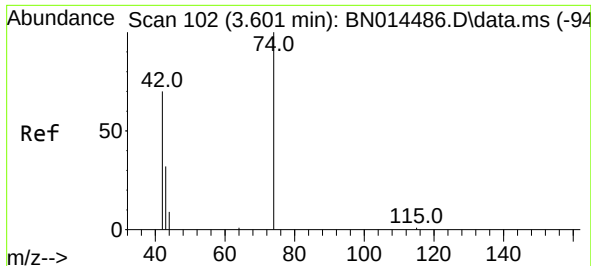
Tgt Ion: 152 Resp: 8321
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.6 189.8
 115 59.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.239 min Scan# 57
 Delta R.T. 0.008 min
 Lab File: BN014496.D
 Acq: 29 Apr 2021 18:56

Tgt Ion: 88 Resp: 684
 Ion Ratio Lower Upper
 88 100
 58 87.9 55.4 83.0#
 43 0.0 21.6 32.4#

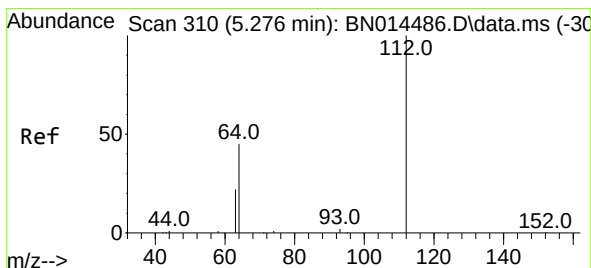
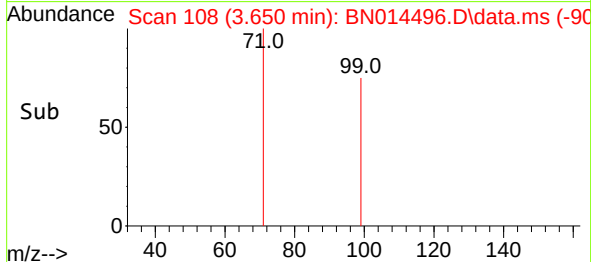
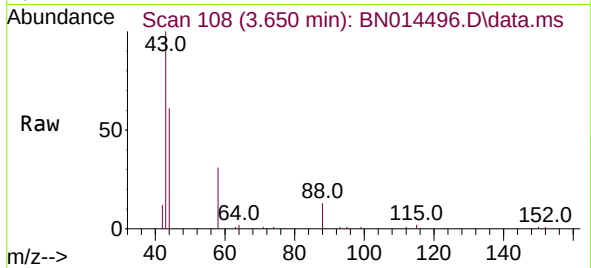




#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.650 min Scan# 108
Delta R.T. 0.049 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

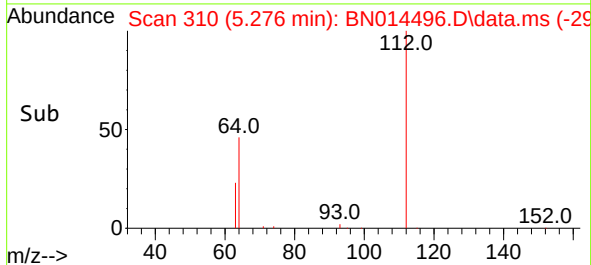
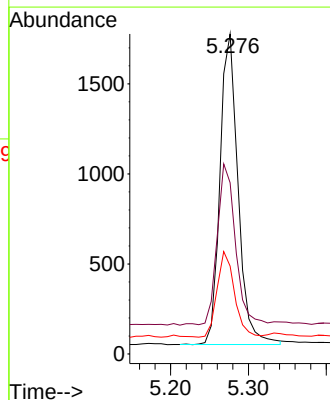
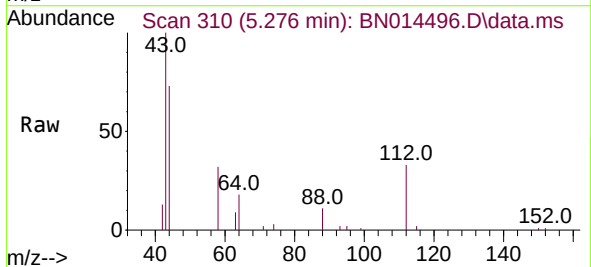
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

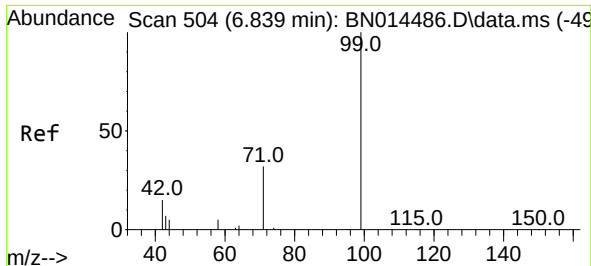
Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
74 8.6 120.3 180.5#
44 0.0 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.276 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion: 112 Resp: 2769
Ion Ratio Lower Upper
112 100
64 53.5 42.4 63.6
63 26.6 22.2 33.4

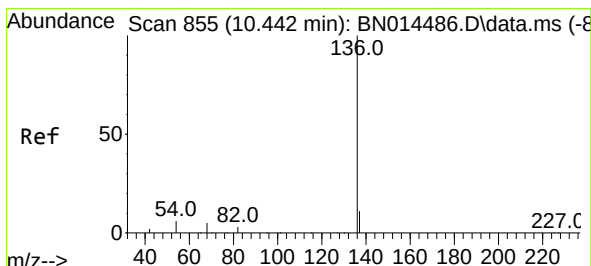
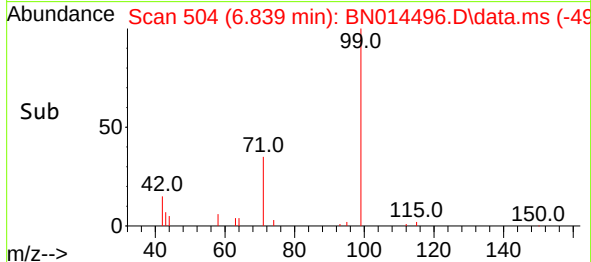
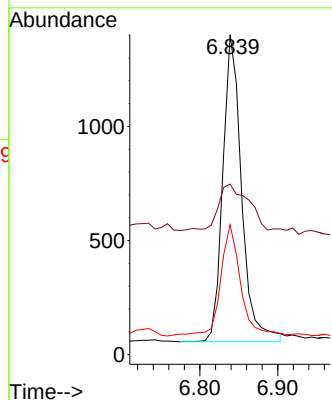
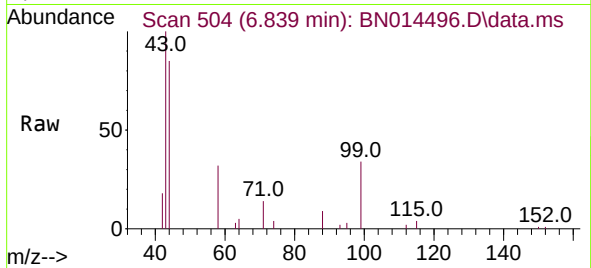




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.839 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

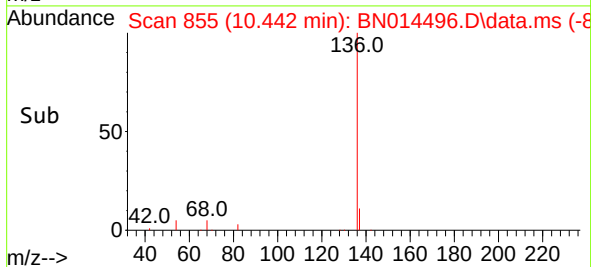
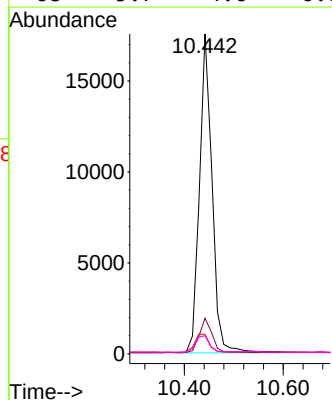
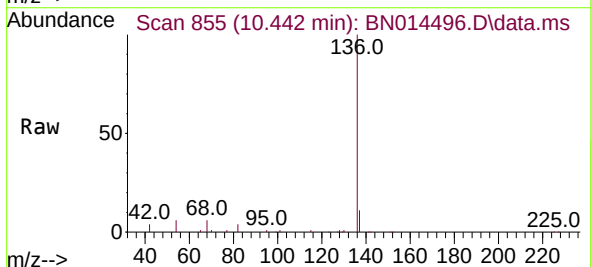
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

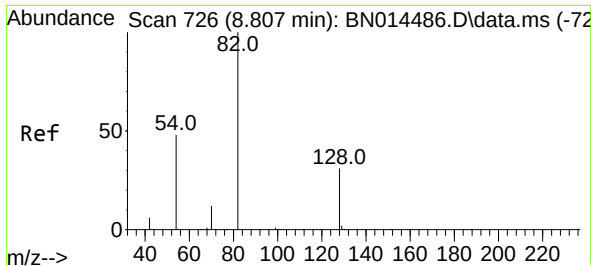
Tgt Ion: 99 Resp: 2252
Ion Ratio Lower Upper
99 100
42 24.1 13.8 20.8#
71 38.4 26.0 39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.442 min Scan# 855
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion: 136 Resp: 31181
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.1 4.8 7.2
68 5.7 4.6 6.8

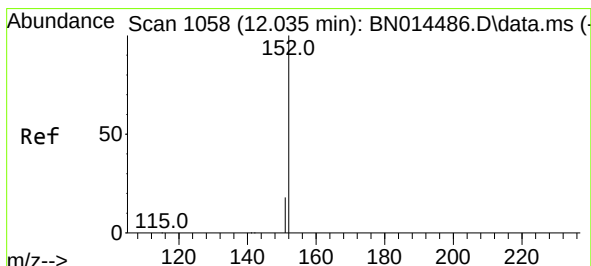
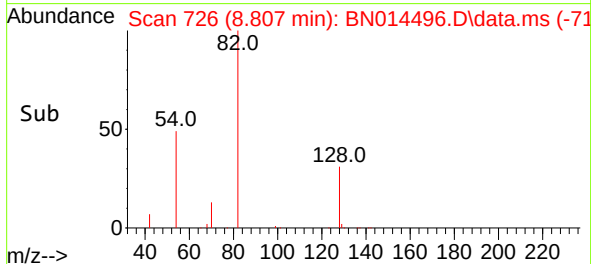
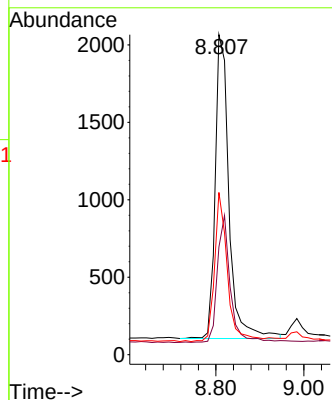
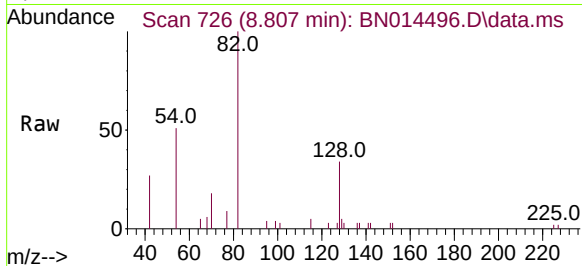




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.807 min Scan# 726
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

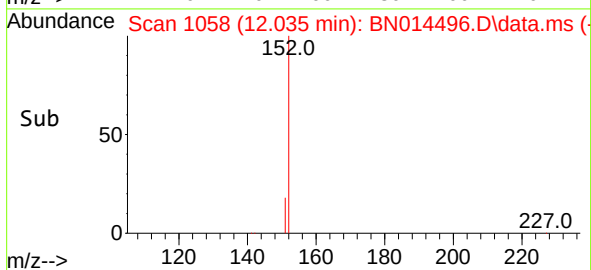
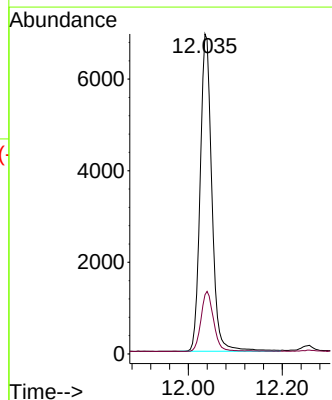
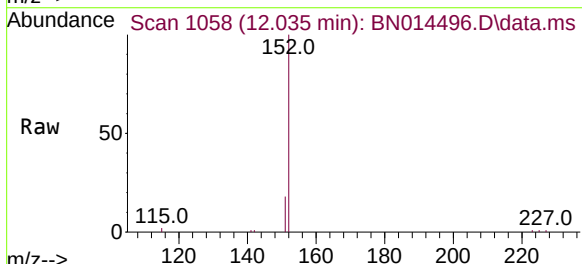
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

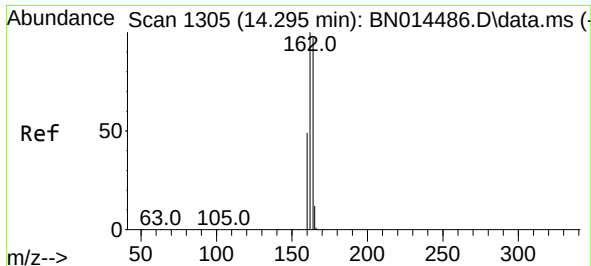
Tgt Ion:	82	Resp:	4264
Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.0	39.0
54	50.7	39.5	59.3



#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 12.035 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:	152	Resp:	11978
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

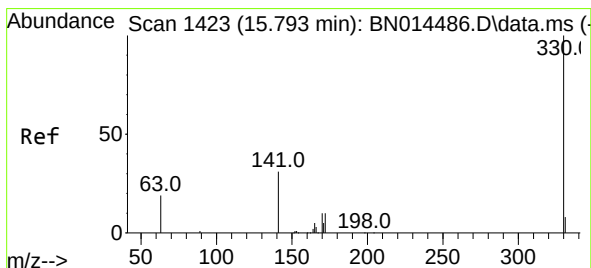
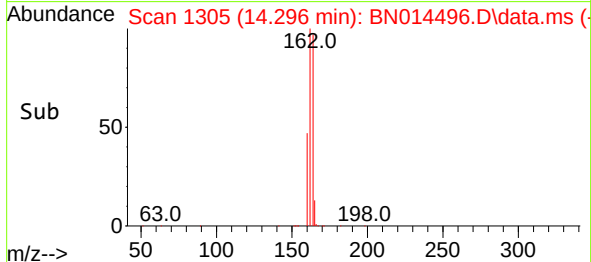
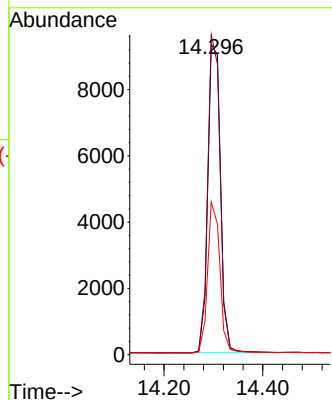
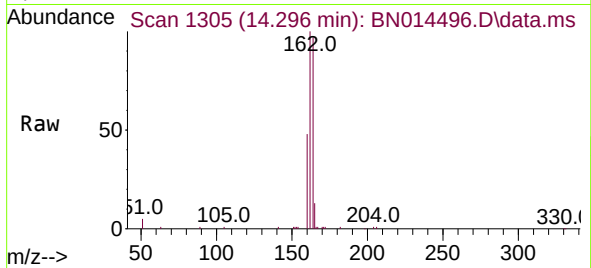




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.296 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

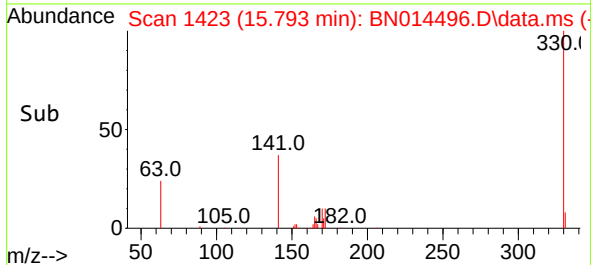
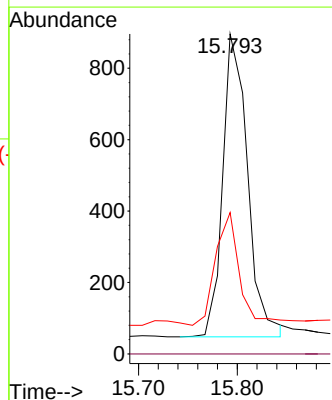
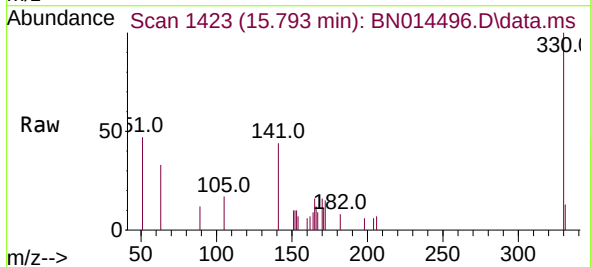
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

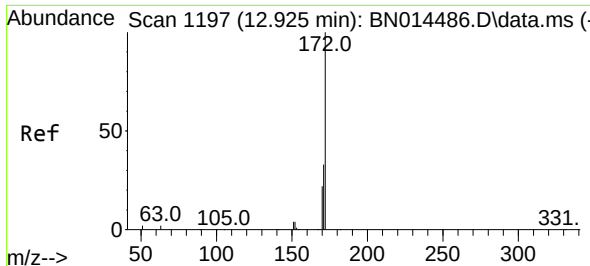
Tgt Ion:164 Resp: 16707
Ion Ratio Lower Upper
164 100
162 103.1 82.4 123.6
160 49.2 40.5 60.7



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.793 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:330 Resp: 1481
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.1 28.5 42.7

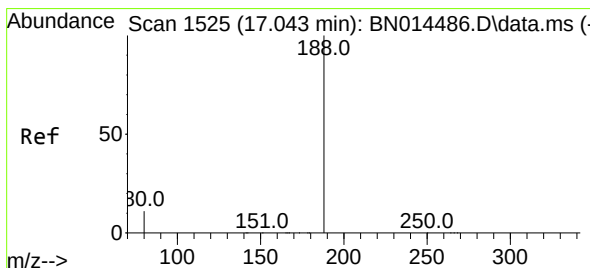
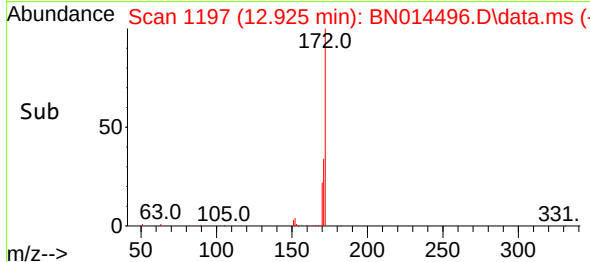
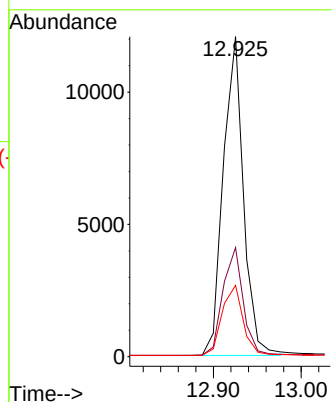
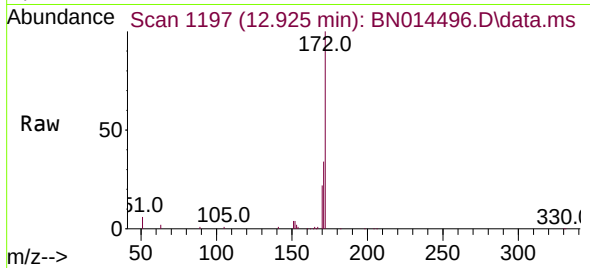




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

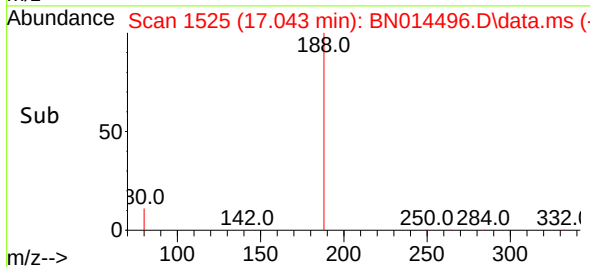
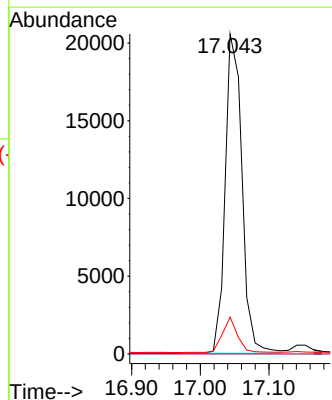
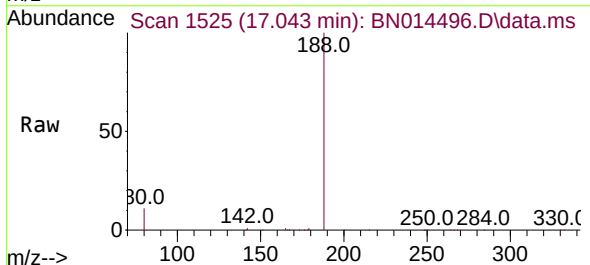
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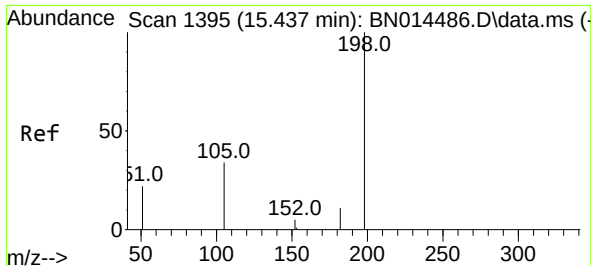
Tgt Ion:172	Resp:	19262
Ion Ratio	Lower	Upper
172	100	
171	34.1	26.6 40.0
170	22.3	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:188	Resp:	34708
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.5	8.8 13.2

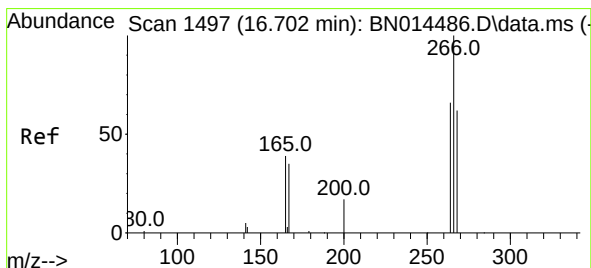
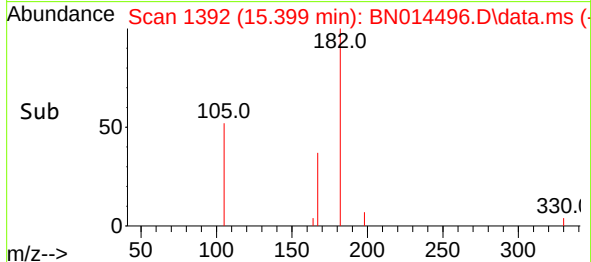
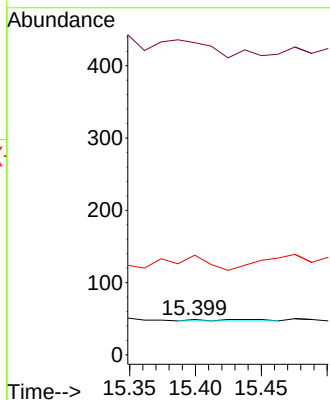
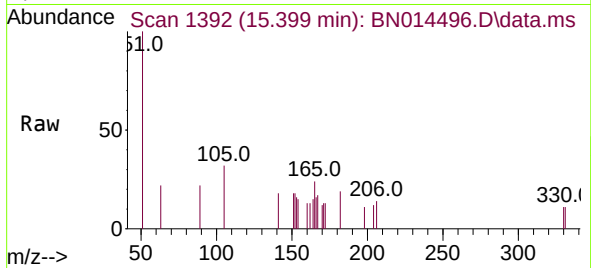




#20
4,6-Dinitro-2-methylphenol
Concen: 0.25 ng
RT: 15.399 min Scan# 1392
Delta R.T. -0.038 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

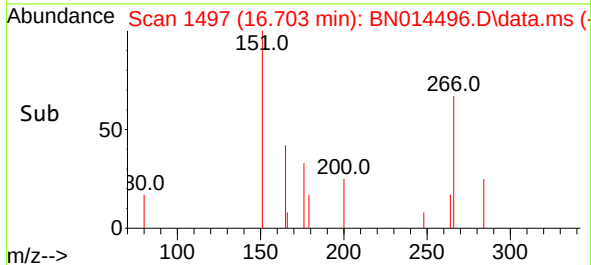
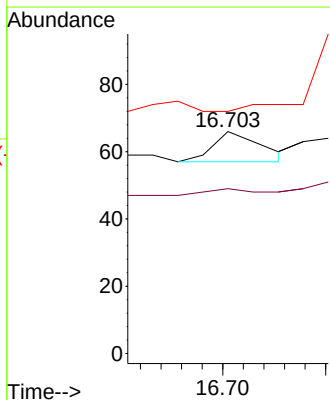
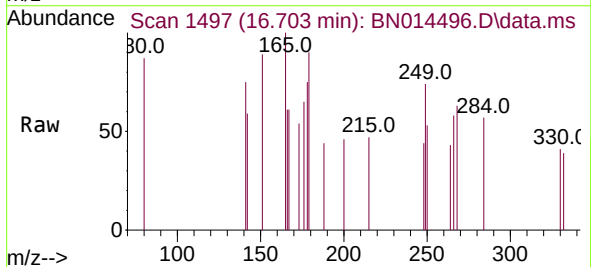
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

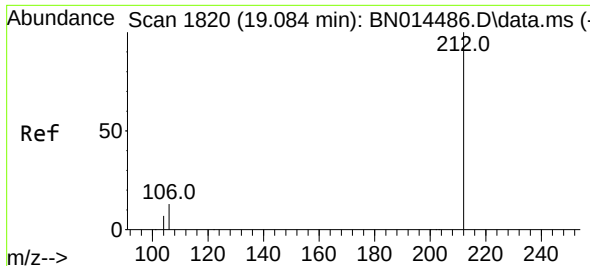
Tgt Ion:	198	Resp:	6
Ion Ratio	Lower	Upper	
198	100		
51	881.6	116.0	174.0#
105	281.6	45.3	67.9#



#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.703 min Scan# 1497
Delta R.T. 0.001 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:	266	Resp:	15
Ion Ratio	Lower	Upper	
266	100		
264	20.0	49.9	74.9#
268	0.0	49.9	74.9#

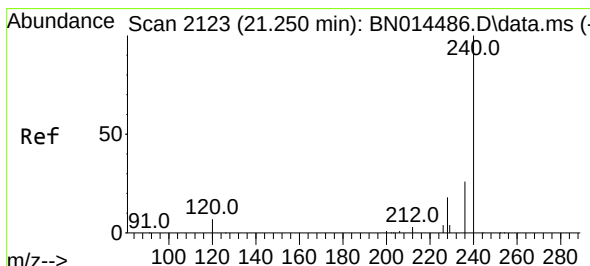
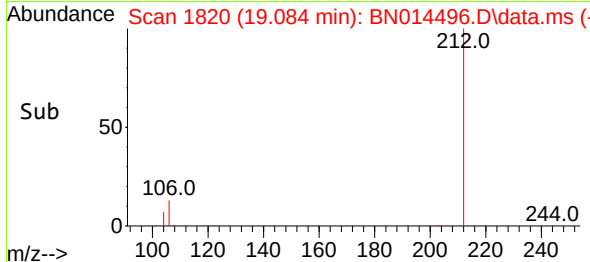
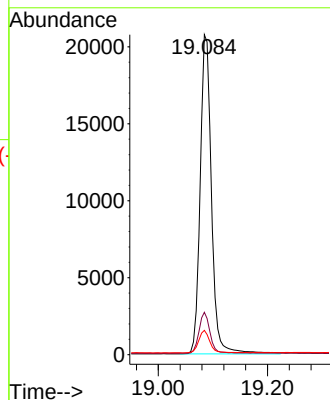
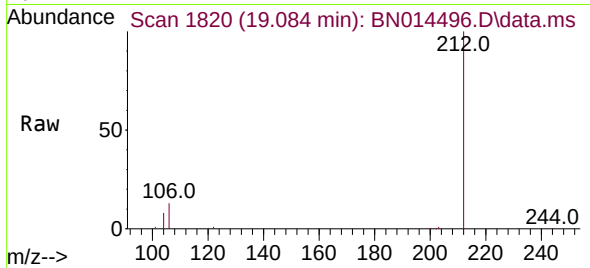




#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.084 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

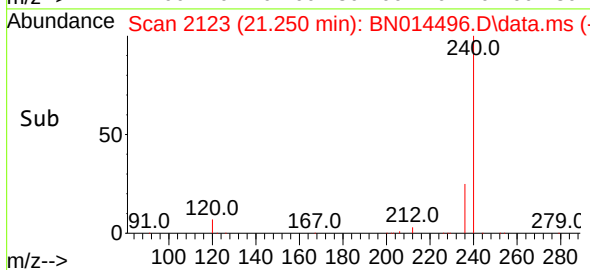
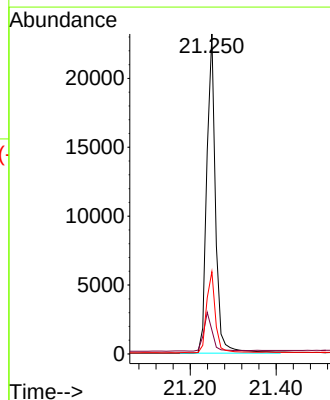
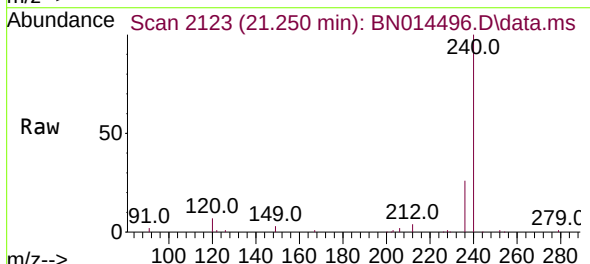
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

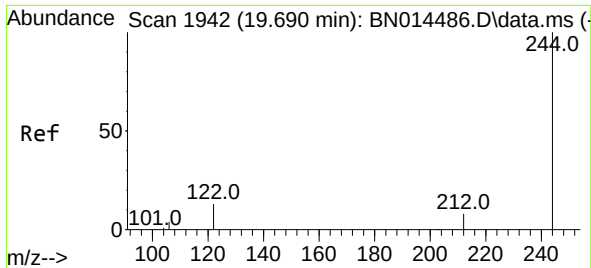
Tgt Ion:212 Resp: 29871
Ion Ratio Lower Upper
212 100
106 12.4 10.2 15.4
104 7.0 5.6 8.4



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:240 Resp: 32829
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 25.7 20.9 31.3

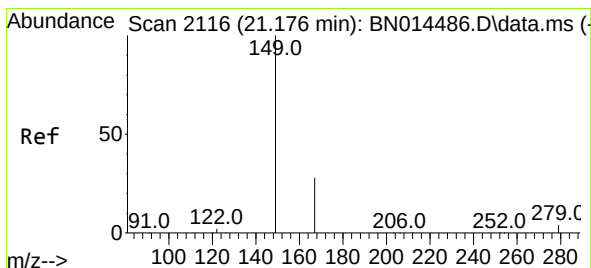
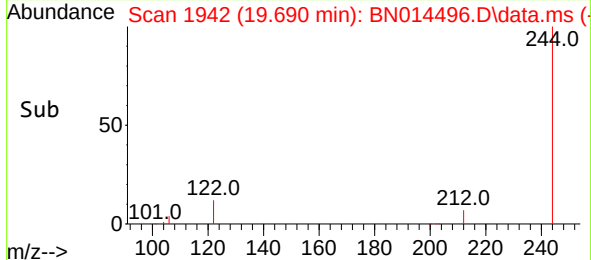
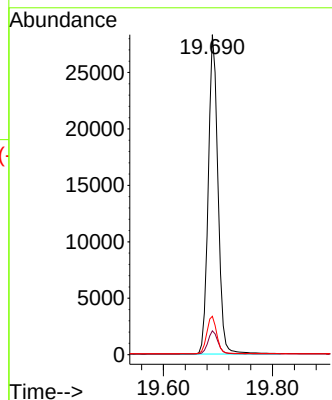
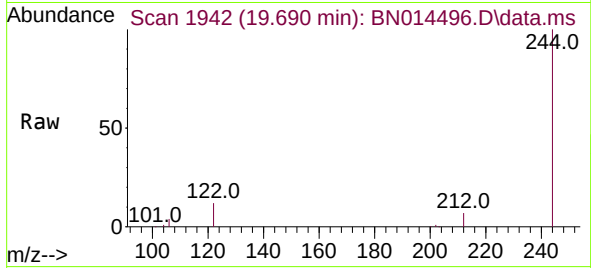




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

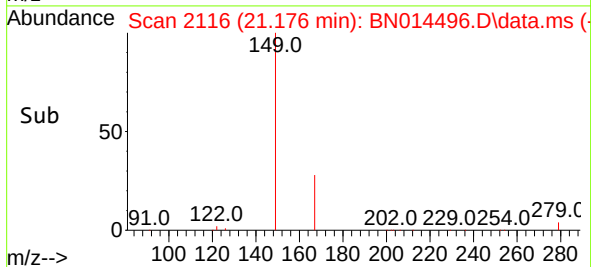
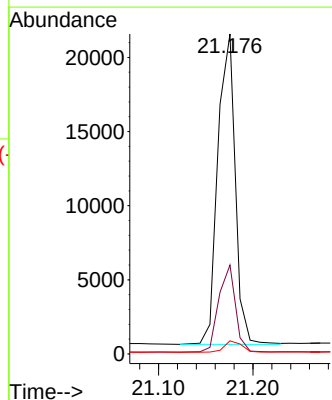
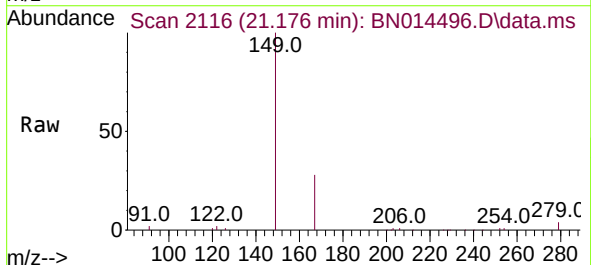
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-418-420

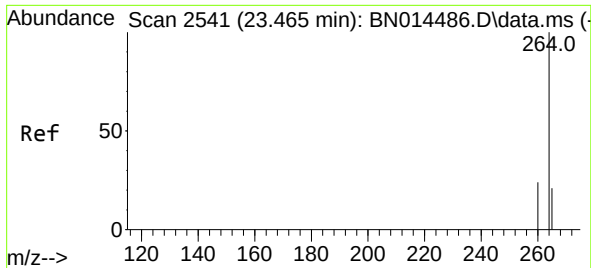
Tgt Ion:244 Resp: 35335
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.0 10.6 16.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.13 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN014496.D
Acq: 29 Apr 2021 18:56

Tgt Ion:149 Resp: 26913
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 3.7 3.3 4.9





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2542
 Delta R.T. 0.004 min
 Lab File: BN014496.D
 Acq: 29 Apr 2021 18:56

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

Tgt Ion:	264	Resp:	27638
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.6	29.4
265	38.5	35.5	53.3

