

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016516.D
 Acq On : 26 Sep 2021 18:13
 Operator : CG/JU
 Sample : M3833-17
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:31:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

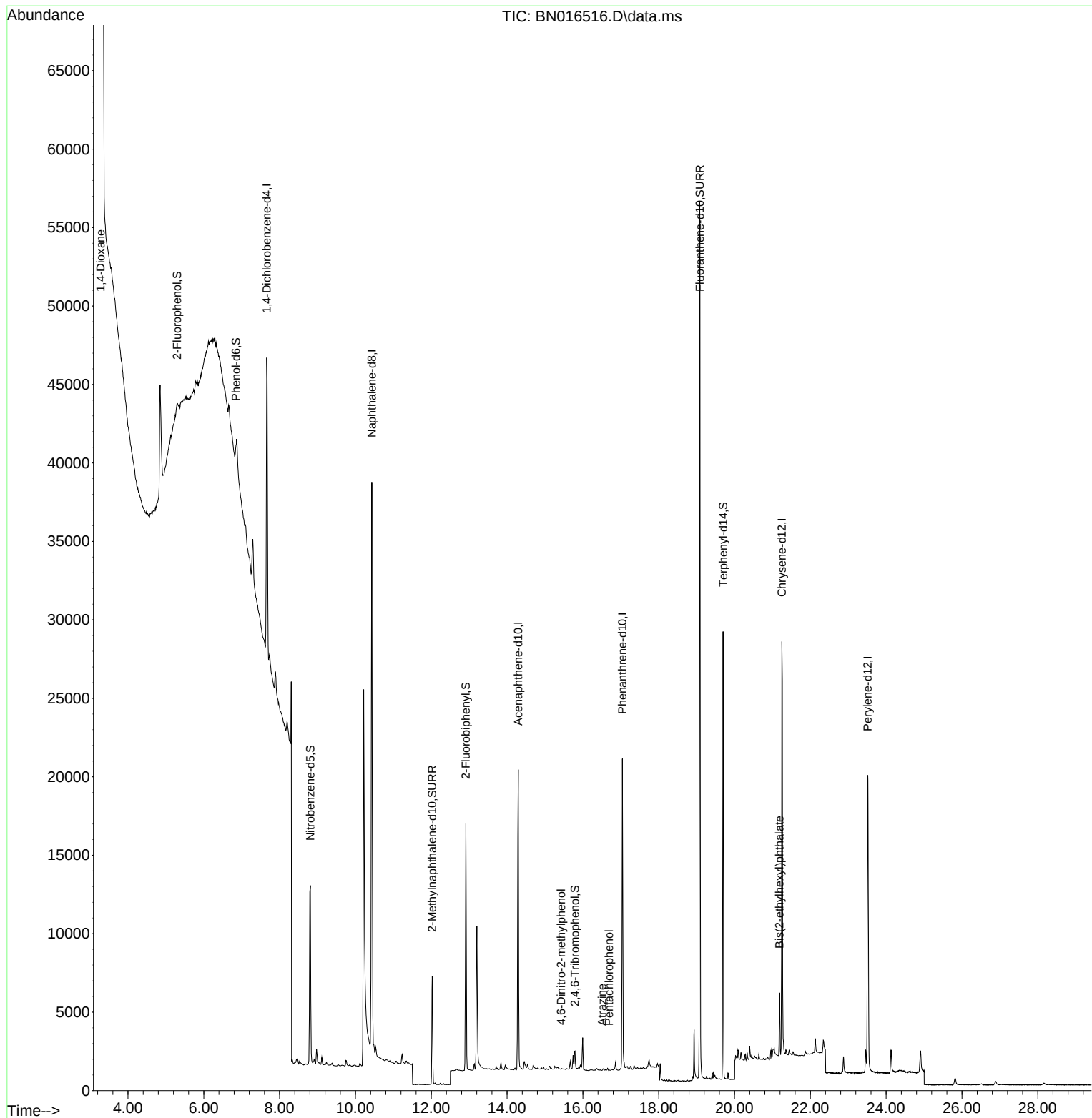
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11576	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	45998	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	9210	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	25416	0.400	ng	0.00
29) Chrysene-d12	21.249	240	27964	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	24791	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	827	0.032	ng	0.00
5) Phenol-d6	6.849	99	988	0.032	ng	0.00
8) Nitrobenzene-d5	8.810	82	9980	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	9022	0.132	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	910	0.390	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	12570	0.325	ng	-0.01
27) Fluoranthene-d10	19.083	212	62382	0.894	ng	0.00
31) Terphenyl-d14	19.698	244	27409	0.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	2609	0.526	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.423	198	2	0.148	ng	# 1
23) Atrazine	16.506	200	11	0.136	ng	# 8
24) Pentachlorophenol	16.689	266	6	0.245	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.185	149	3789	0.171	ng	95

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

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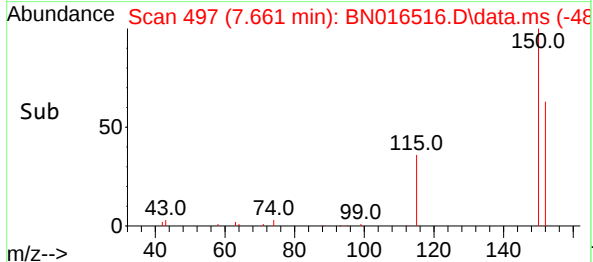
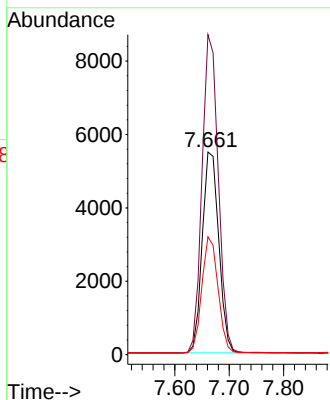
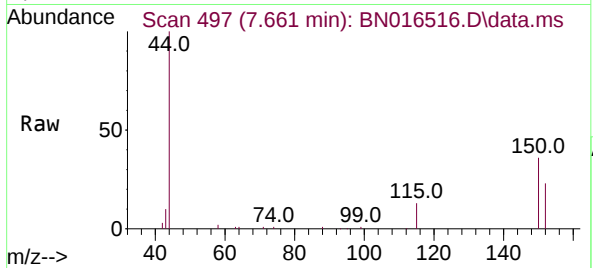




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

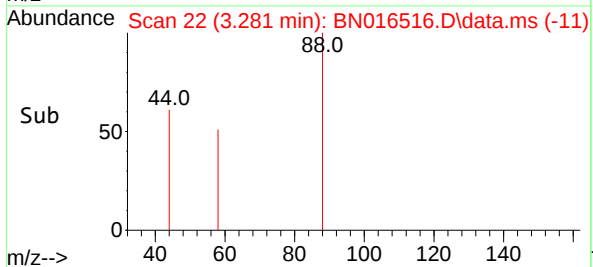
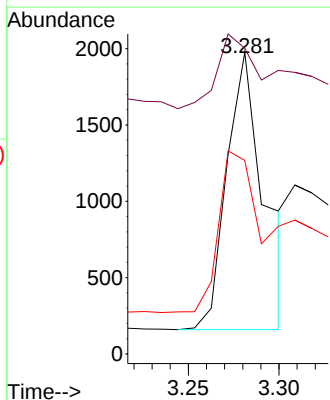
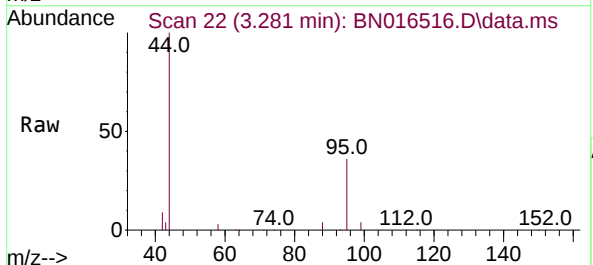
Instrument :
BNA_N
ClientSampleId :

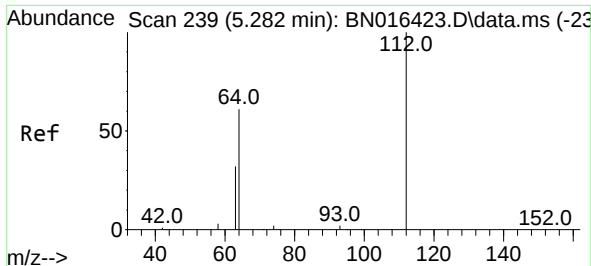
Tgt Ion:152 Resp: 11576
Ion Ratio Lower Upper
152 100
150 157.9 125.6 188.4
115 58.2 50.2 75.2



#2
1,4-Dioxane
Concen: 0.526 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion: 88 Resp: 2609
Ion Ratio Lower Upper
88 100
43 36.5 20.3 30.5#
58 69.6 69.9 104.9#

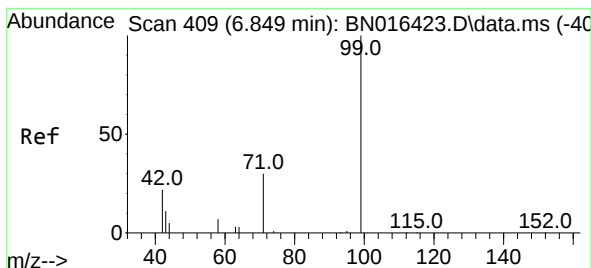
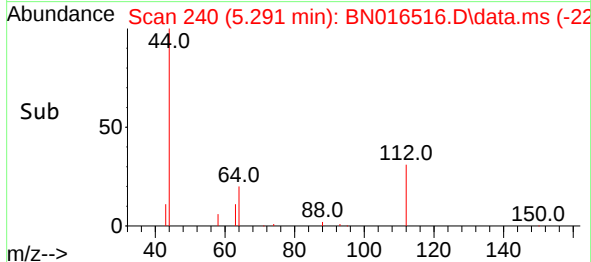
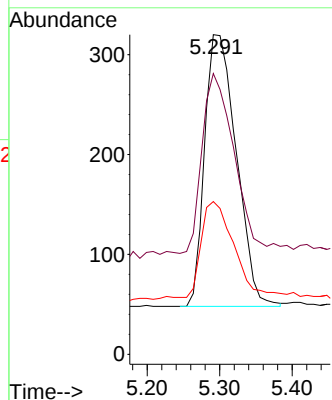
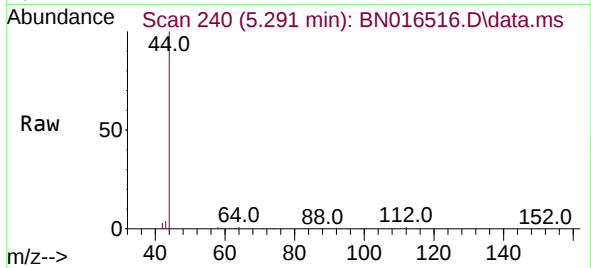




#4
2-Fluorophenol
Concen: 0.032 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

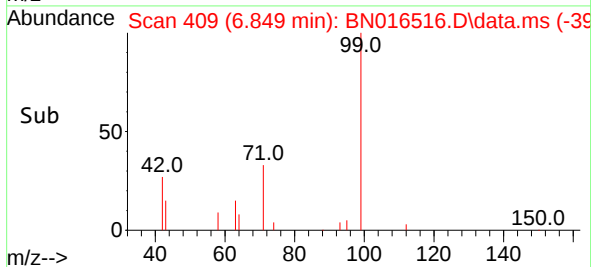
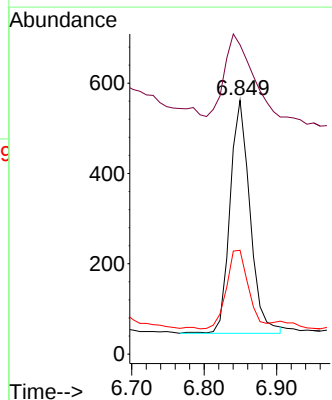
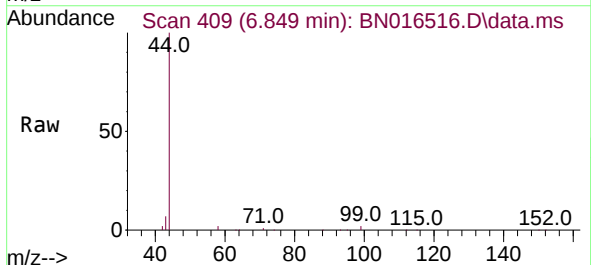
Instrument :
BNA_N
ClientSampleId :

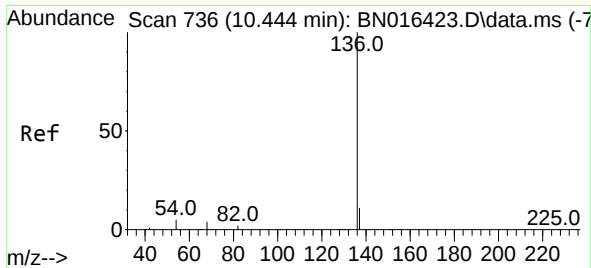
Tgt Ion:112 Resp: 827
Ion Ratio Lower Upper
112 100
64 68.6 47.3 70.9
63 36.8 23.4 35.0#



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion: 99 Resp: 988
Ion Ratio Lower Upper
99 100
42 48.0 14.0 21.0#
71 37.1 23.8 35.6#

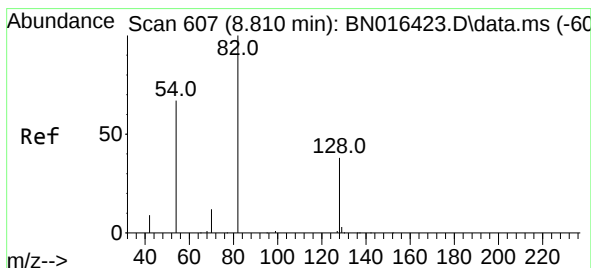
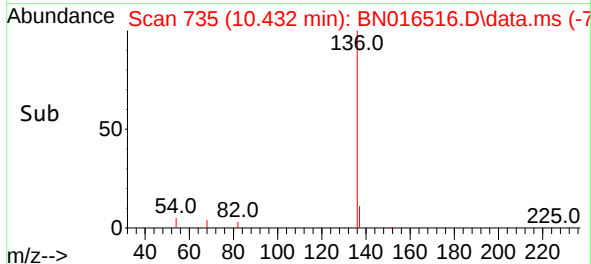
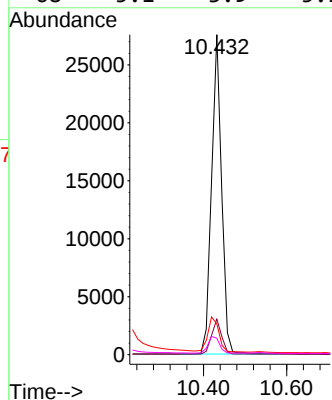
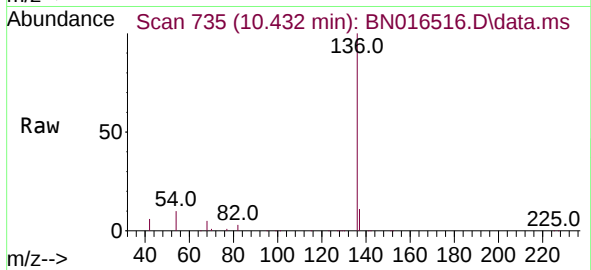




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

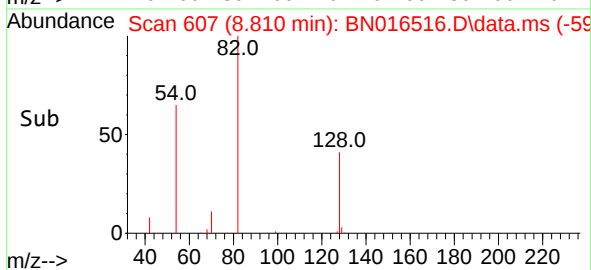
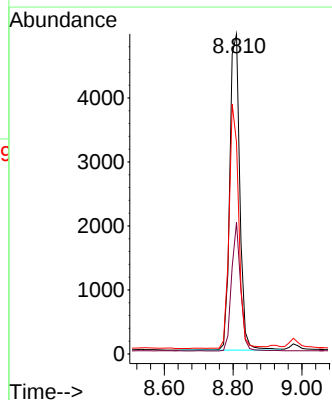
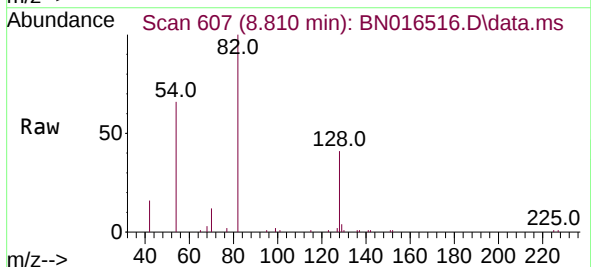
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	45998
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.6	5.3	7.9#
68	5.1	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:	82	Resp:	9980
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.7	47.5
54	66.1	46.4	69.6

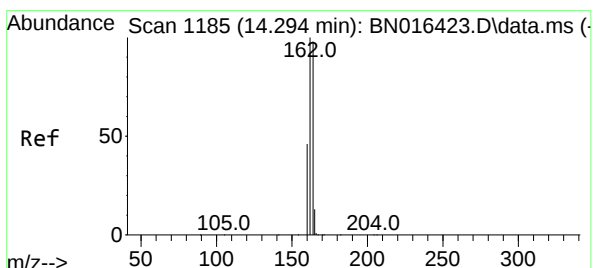
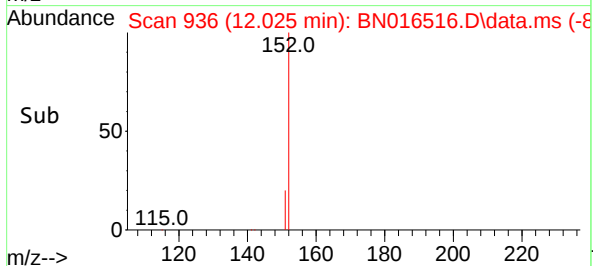
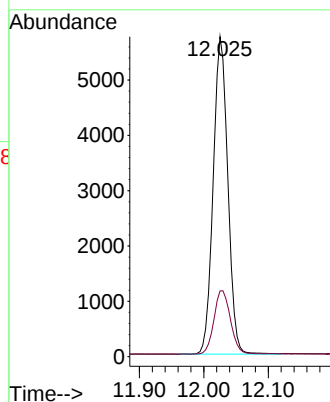
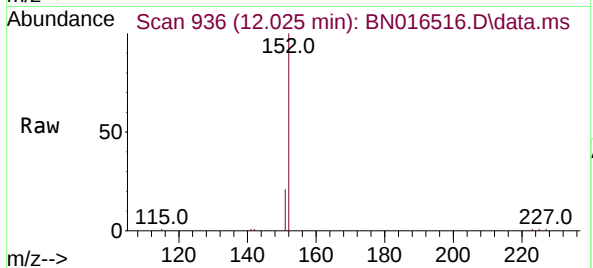




#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

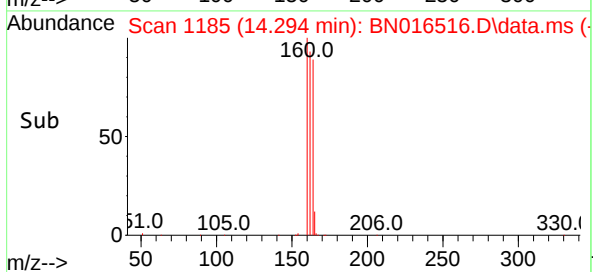
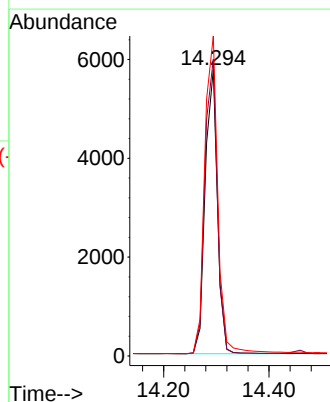
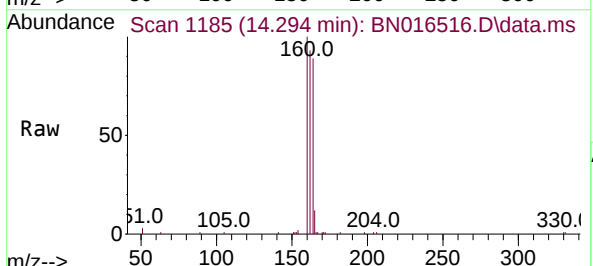
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9022
Ion Ratio Lower Upper
152 100
151 22.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:164 Resp: 9210
Ion Ratio Lower Upper
164 100
162 103.7 79.0 118.4
160 111.8 34.1 51.1#

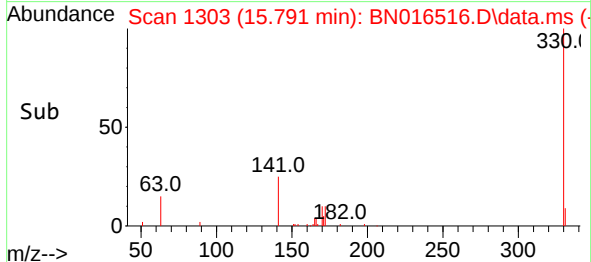
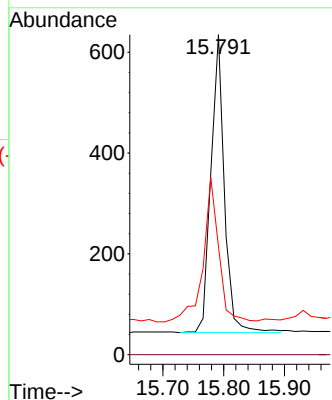
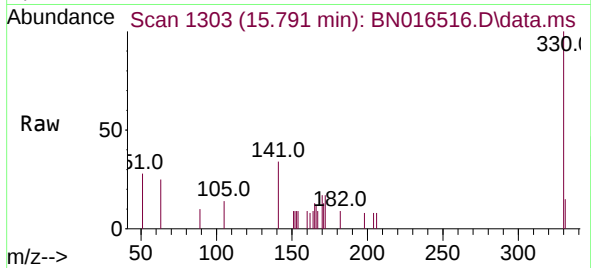




#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

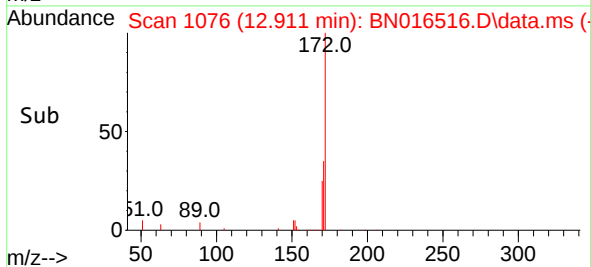
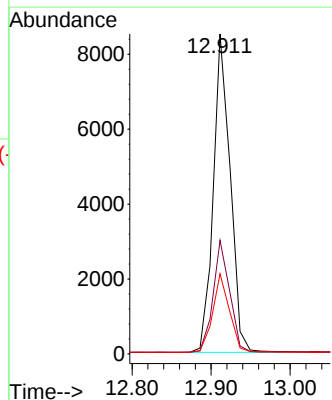
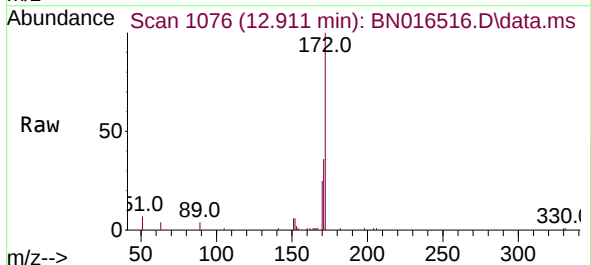
Instrument :
BNA_N
ClientSampleId :

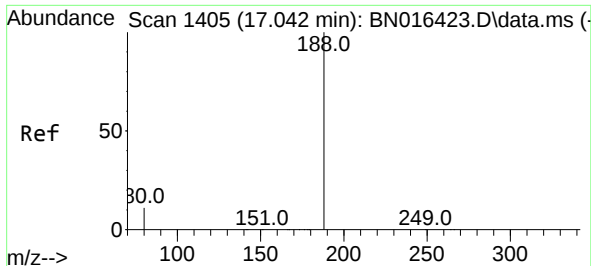
Tgt Ion:330 Resp: 910
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 54.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:172 Resp: 12570
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 25.1 18.2 27.2

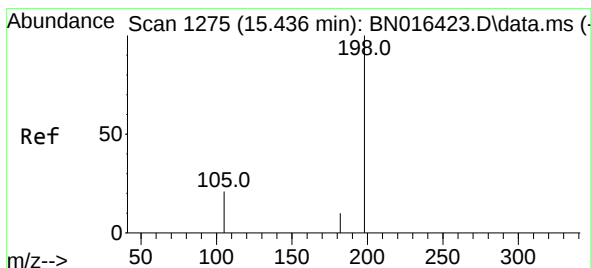
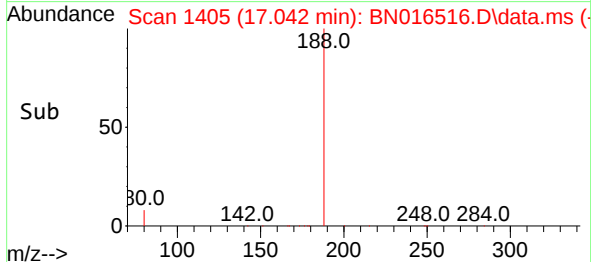
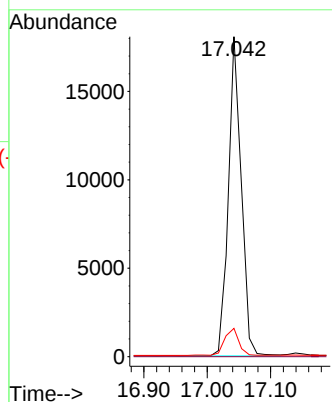
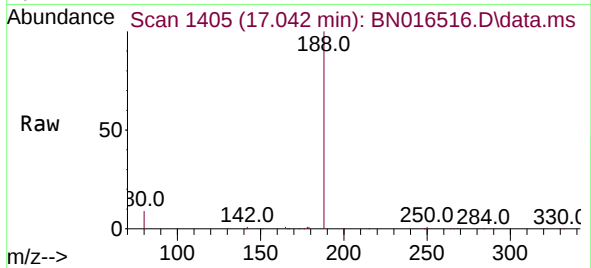




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

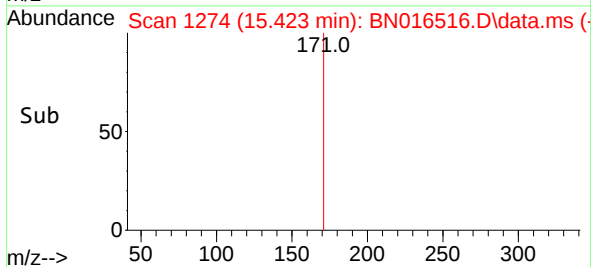
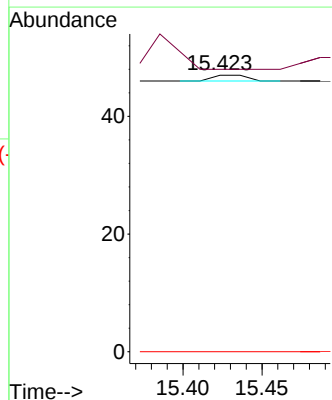
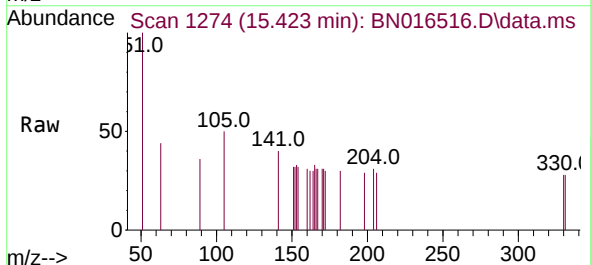
Instrument :
BNA_N
ClientSampleId :

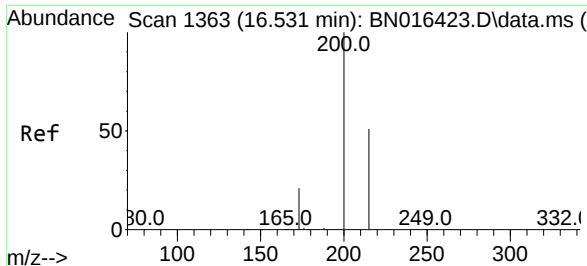
Tgt Ion:188 Resp: 25416
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 102.1 26.6 39.8#
77 0.0 0.0 0.0

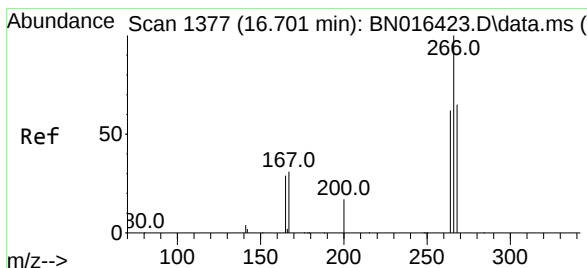
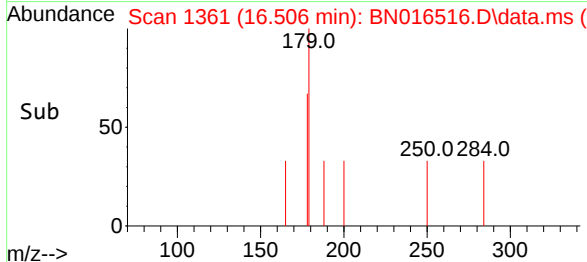
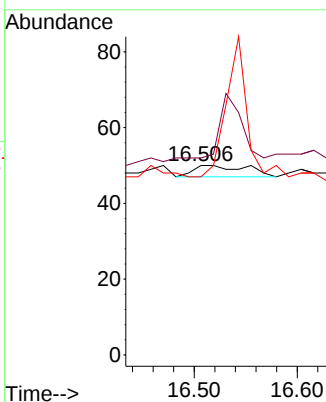
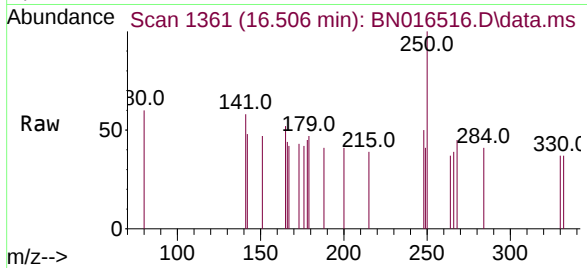




#23
Atrazine
Concen: 0.136 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.024 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

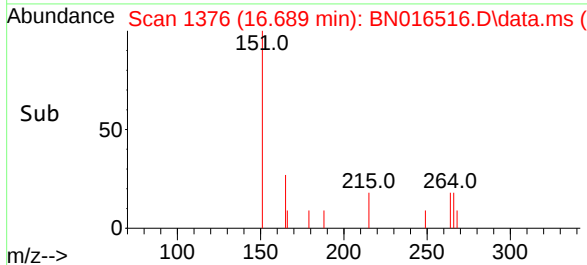
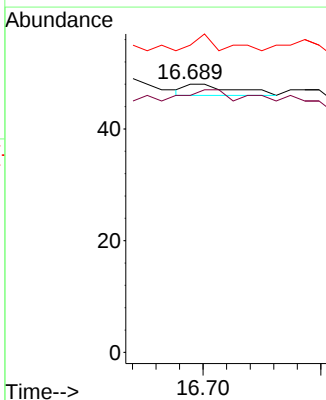
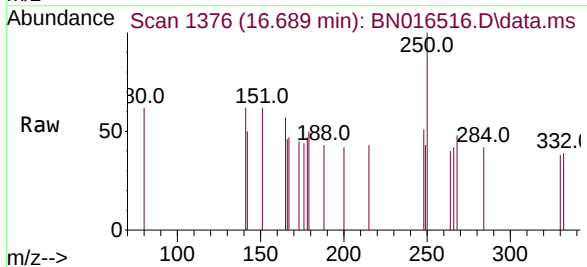
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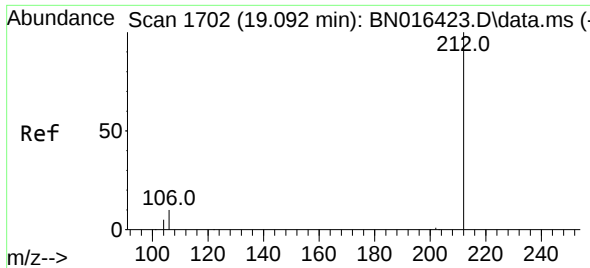
Tgt Ion:200 Resp: 11
Ion Ratio Lower Upper
200 100
173 104.0 18.7 28.1#
215 94.0 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 100.0 50.6 75.8#
268 66.7 52.6 79.0

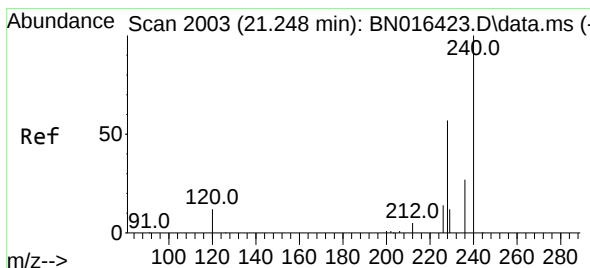
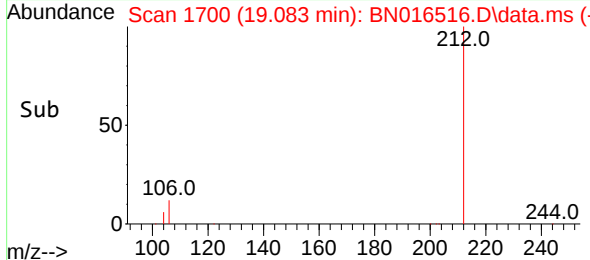
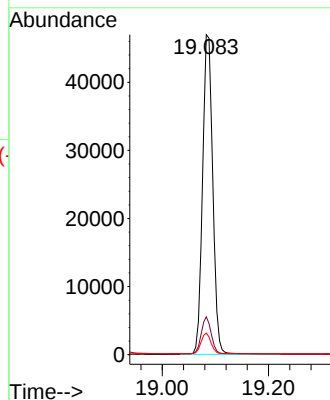
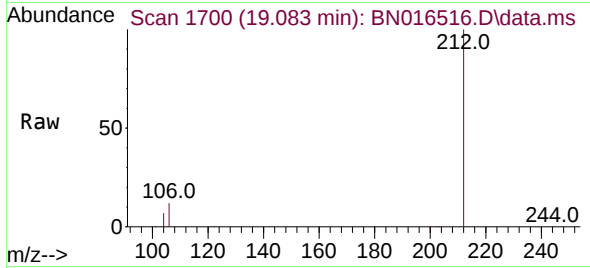




#27
Fluoranthene-d10
Concen: 0.894 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

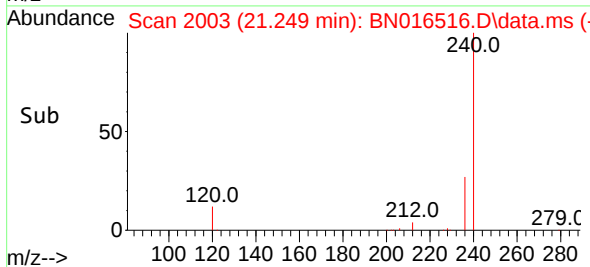
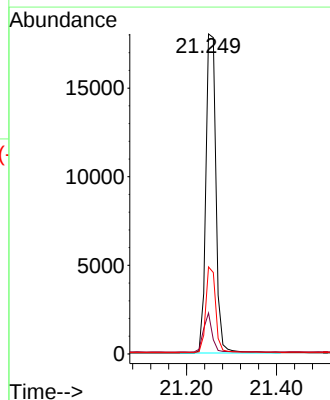
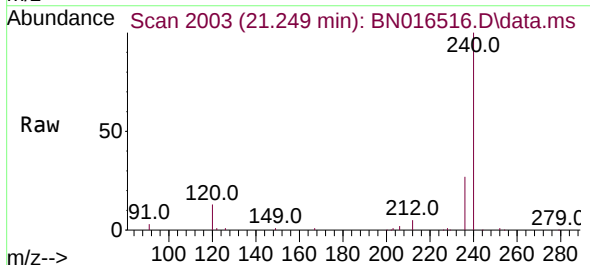
Instrument :
BNA_N
ClientSampleId :

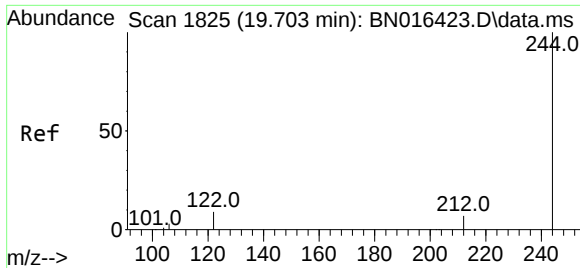
Tgt Ion:212 Resp: 62382
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016516.D
Acq: 26 Sep 2021 18:13

Tgt Ion:240 Resp: 27964
Ion Ratio Lower Upper
240 100
120 12.8 5.3 7.9#
236 27.2 19.8 29.8

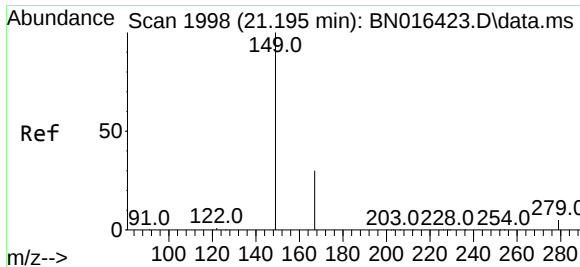
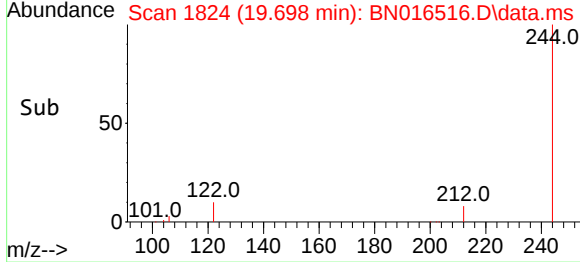
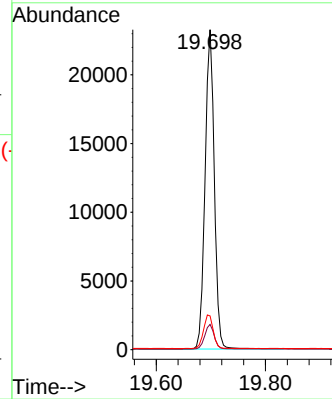
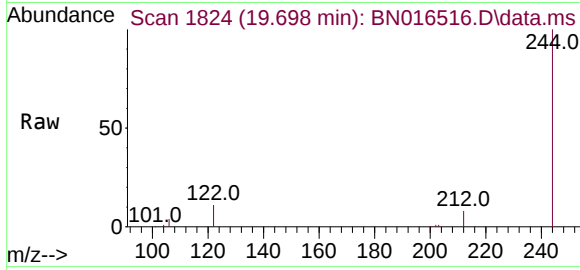




#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016516.D
 Acq: 26 Sep 2021 18:13

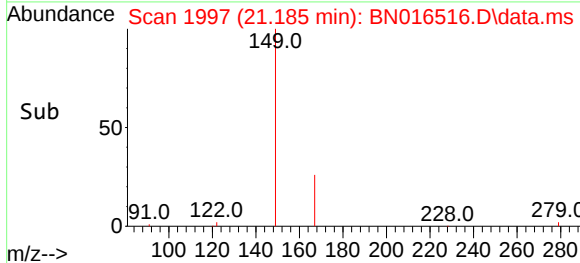
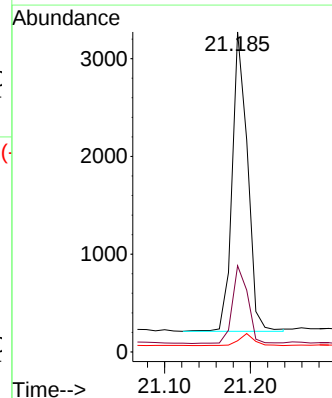
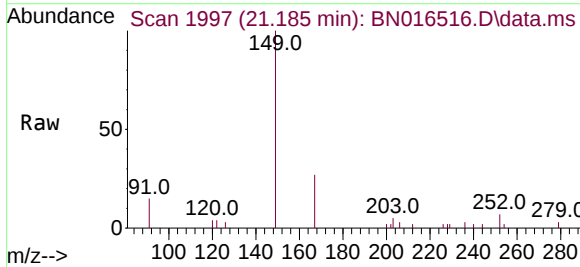
Instrument :
 BNA_N
 ClientSampleId :

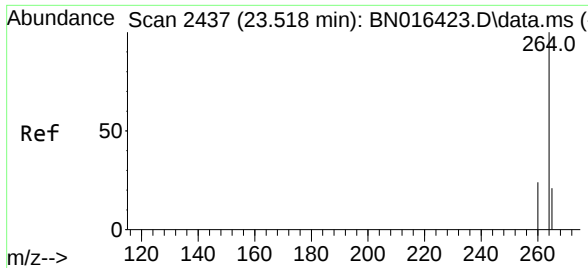
Tgt Ion:244	Resp:	27409
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.5 8.3
122	10.5	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016516.D
 Acq: 26 Sep 2021 18:13

Tgt Ion:149	Resp:	3789
Ion Ratio	Lower	Upper
149	100	
167	26.0	23.4 35.0
279	4.1	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016516.D
 Acq: 26 Sep 2021 18:13

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264	Resp:	24791
Ion Ratio	Lower	Upper
264	100	
260	25.0	18.9 28.3
265	24.9	23.7 35.5

