

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016517.D
 Acq On : 26 Sep 2021 18:50
 Operator : CG/JU
 Sample : M3833-18
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:32:04 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)

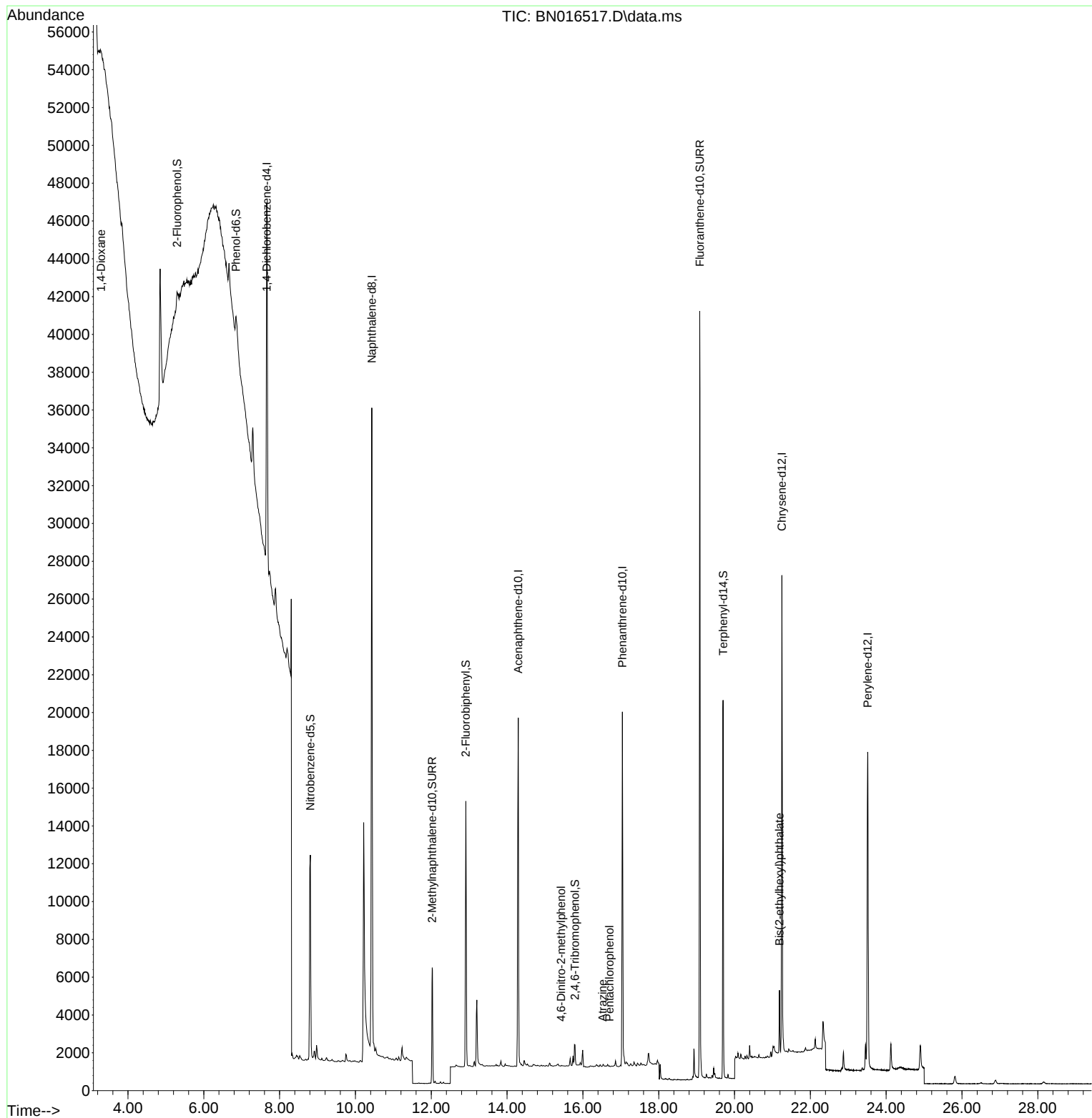
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11801	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	42460	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	8567	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	24009	0.400	ng	0.00
29) Chrysene-d12	21.249	240	23217	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	22548	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	783	0.030	ng	0.00
5) Phenol-d6	6.849	99	933	0.030	ng	0.00
8) Nitrobenzene-d5	8.810	82	9369	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	8183	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	904	0.408	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	11451	0.318	ng	-0.01
27) Fluoranthene-d10	19.083	212	44392	0.674	ng	0.00
31) Terphenyl-d14	19.698	244	20515	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	129	0.026	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.423	198	1	0.148	ng	# 1
23) Atrazine	16.519	200	14	0.136	ng	# 8
24) Pentachlorophenol	16.701	266	7	0.245	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.185	149	2774	0.151	ng	93

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

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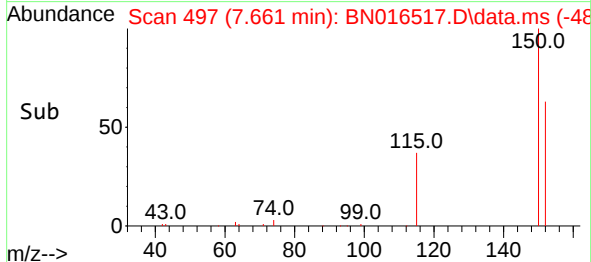
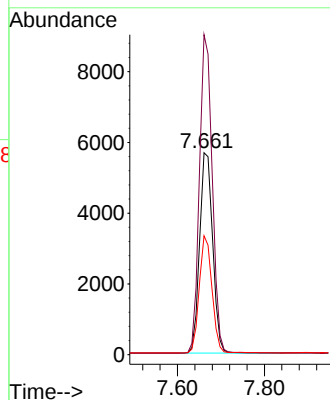
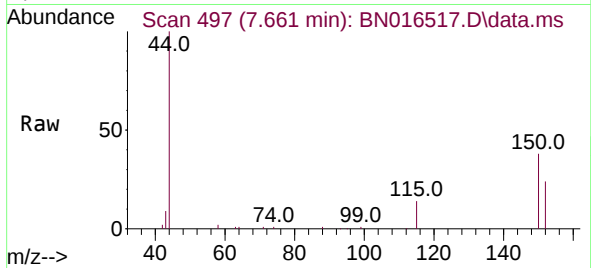




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016517.D
 Acq: 26 Sep 2021 18:50

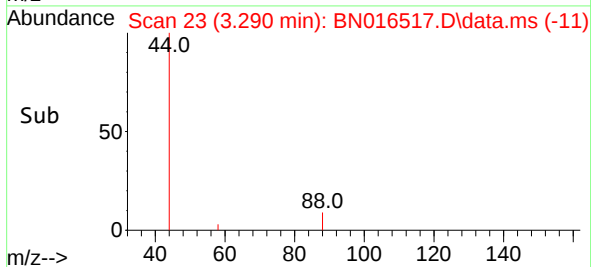
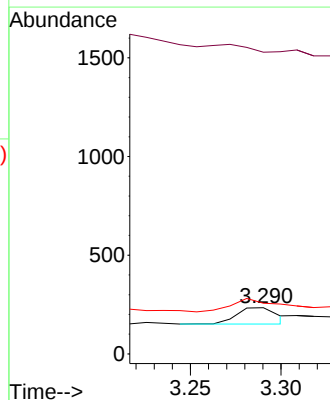
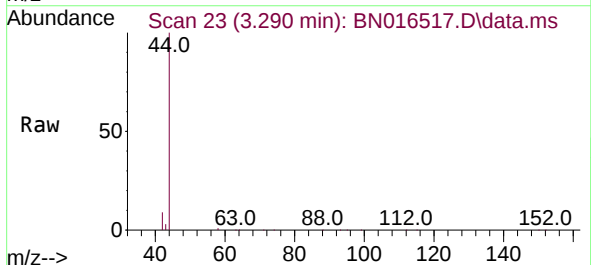
Instrument :
 BNA_N
 ClientSampleId :

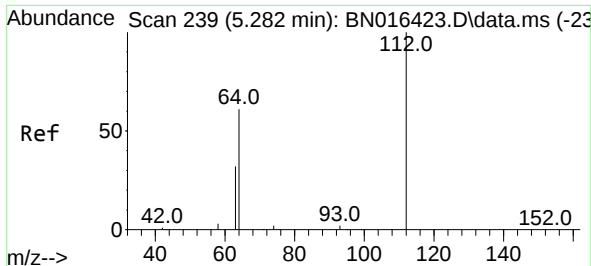
Tgt Ion:152 Resp: 11801
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.6 188.4
 115 58.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016517.D
 Acq: 26 Sep 2021 18:50

Tgt Ion: 88 Resp: 129
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 94.6 69.9 104.9

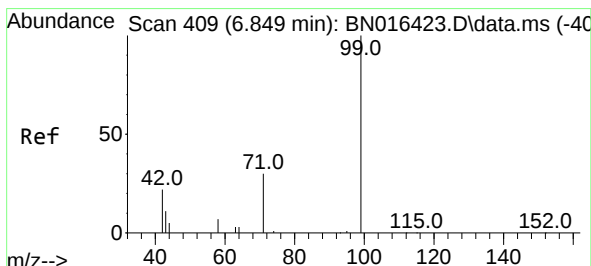
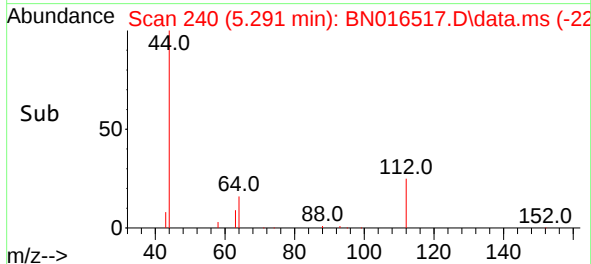
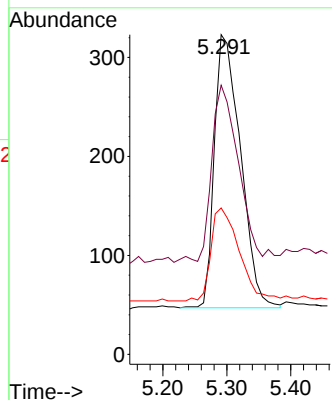
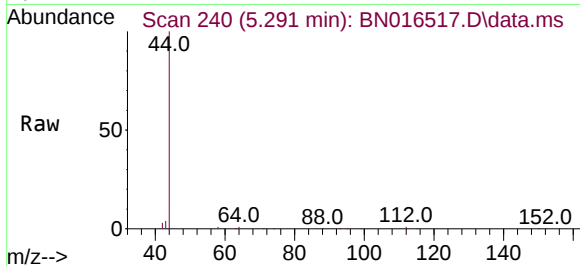




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

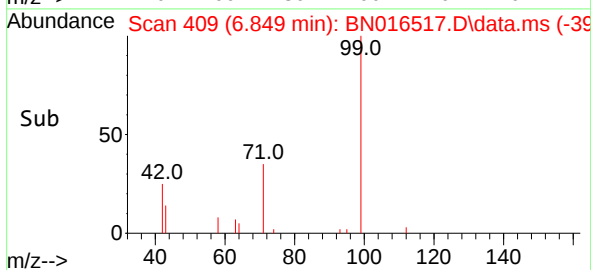
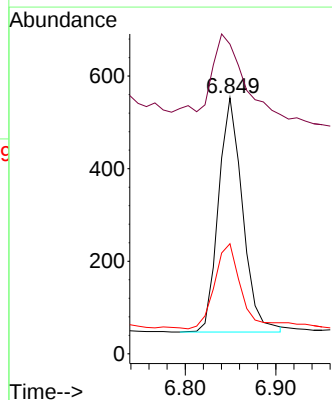
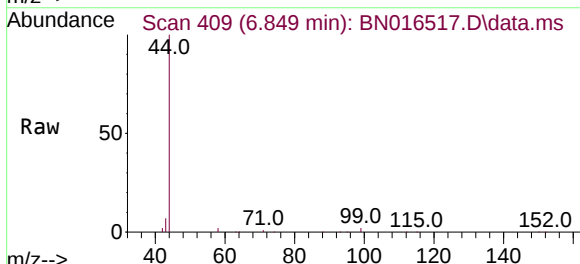
Instrument :
BNA_N
ClientSampleId :

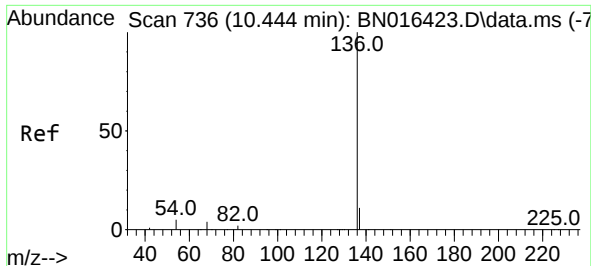
Tgt Ion:112 Resp: 783
Ion Ratio Lower Upper
112 100
64 67.8 47.3 70.9
63 36.9 23.4 35.0#



#5
Phenol-d6
Concen: 0.030 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion: 99 Resp: 933
Ion Ratio Lower Upper
99 100
42 42.6 14.0 21.0#
71 39.4 23.8 35.6#

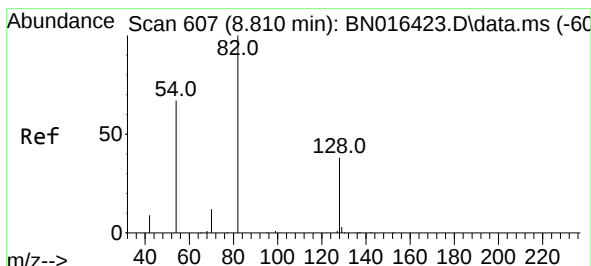
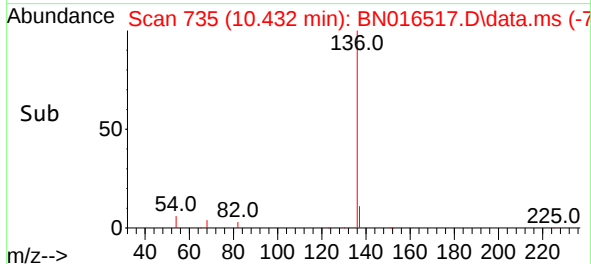
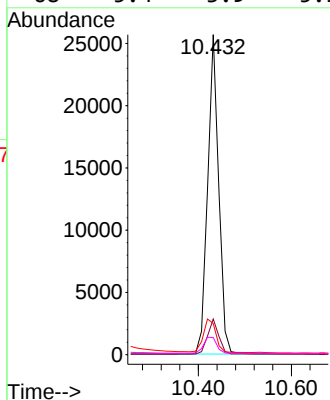
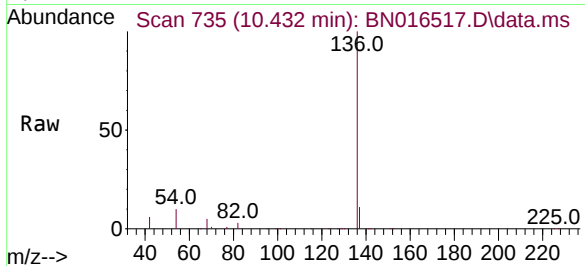




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

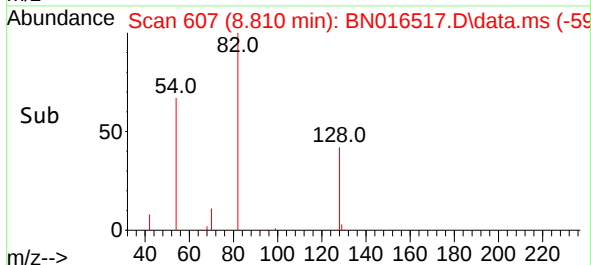
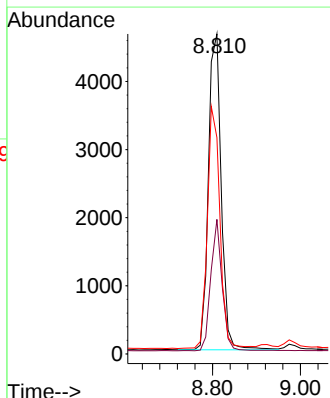
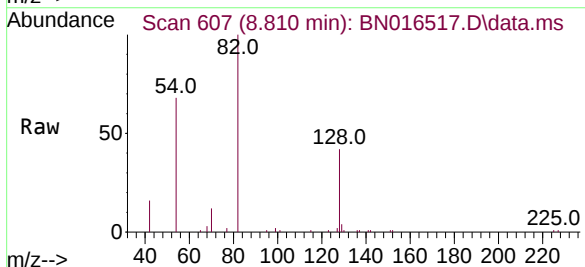
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	42460
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.8	5.3	7.9#
68	5.4	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:	82	Resp:	9369
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.7	47.5
54	67.6	46.4	69.6

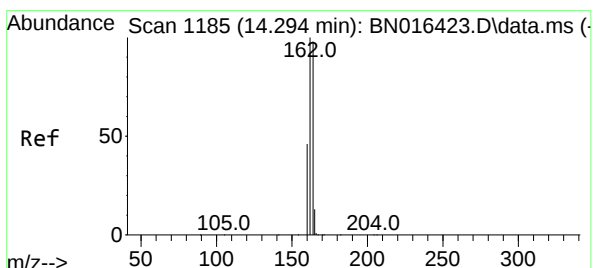
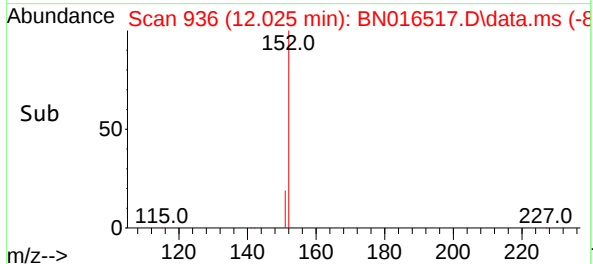
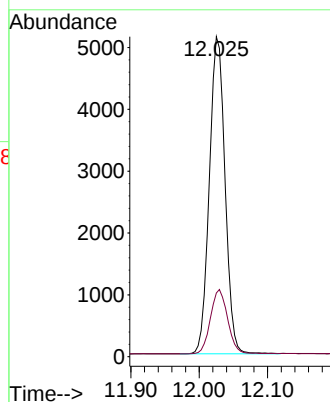
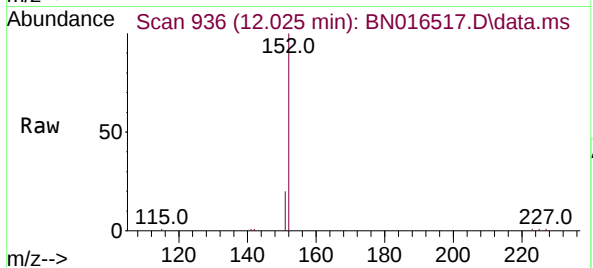




#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

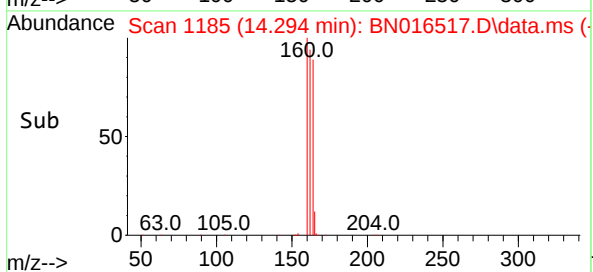
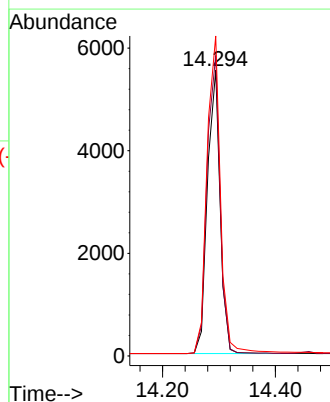
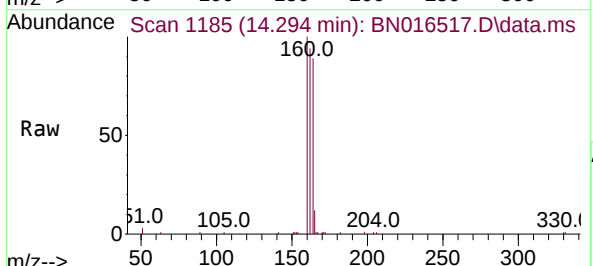
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8183
Ion Ratio Lower Upper
152 100
151 22.1 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: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:164 Resp: 8567
Ion Ratio Lower Upper
164 100
162 105.2 79.0 118.4
160 112.1 34.1 51.1#

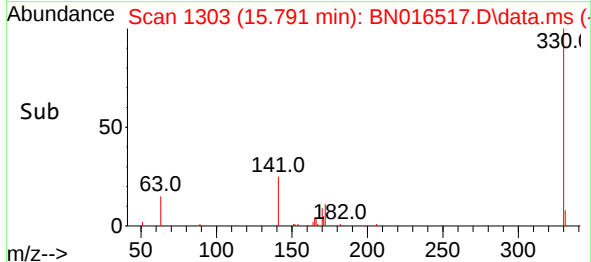
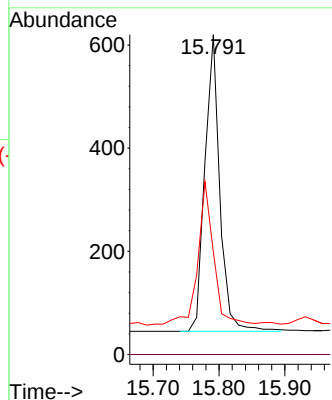
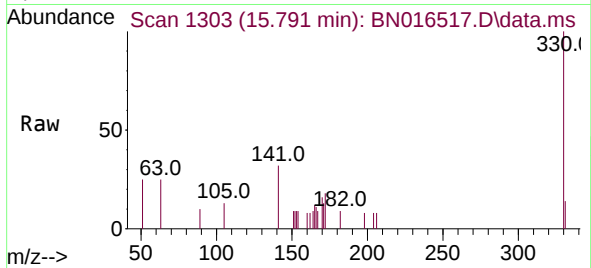




#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

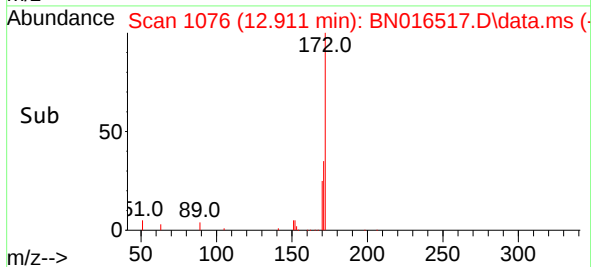
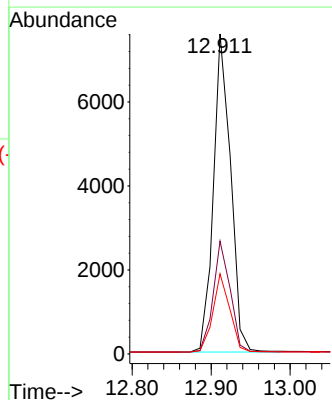
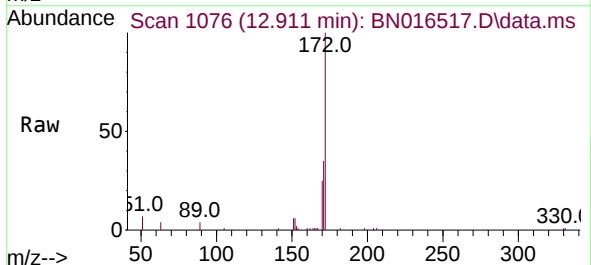
Instrument :
BNA_N
ClientSampleId :

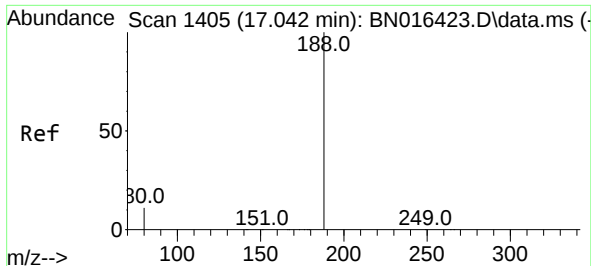
Tgt Ion:330 Resp: 904
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:172 Resp: 11451
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 25.0 18.2 27.2

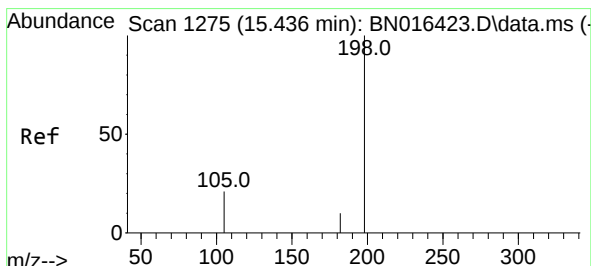
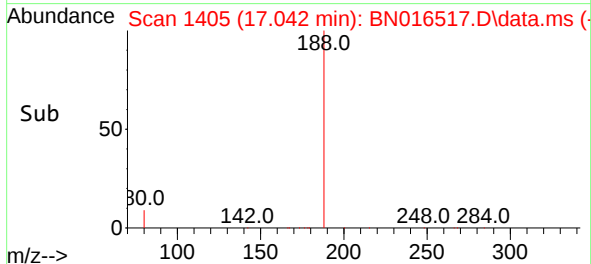
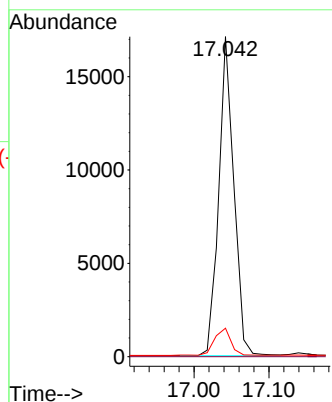
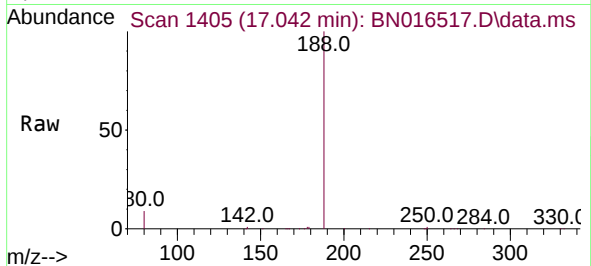




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

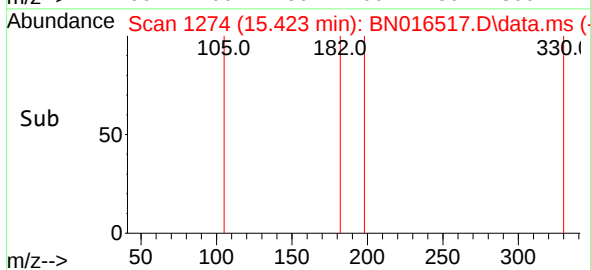
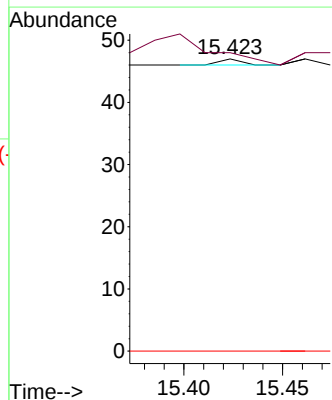
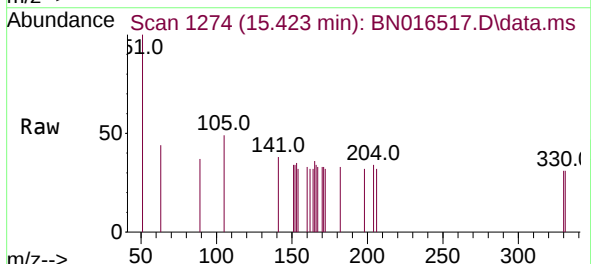
Instrument :
BNA_N
ClientSampleId :

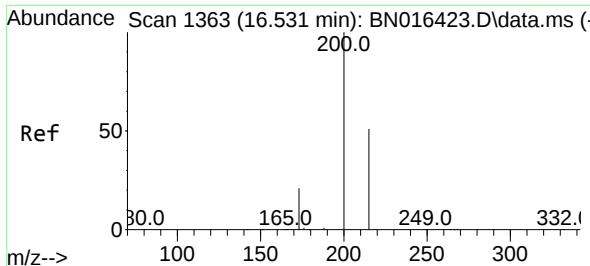
Tgt Ion:188	Resp:	24009
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.9	7.0
		10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
182	102.1	26.6
77	0.0	0.0
		39.8

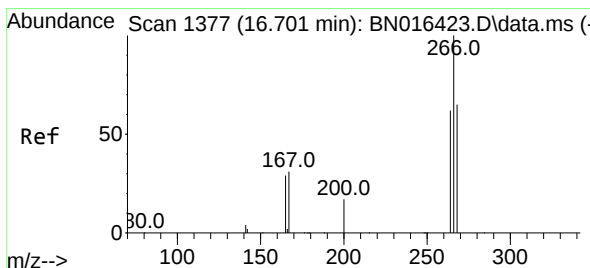
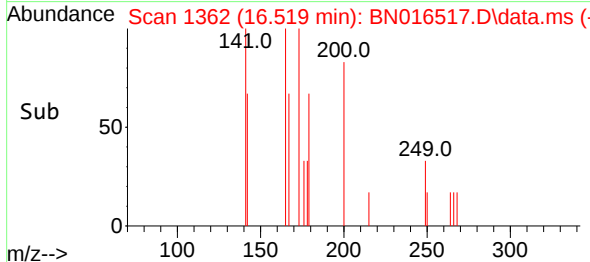
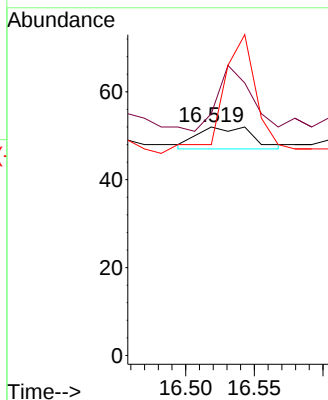
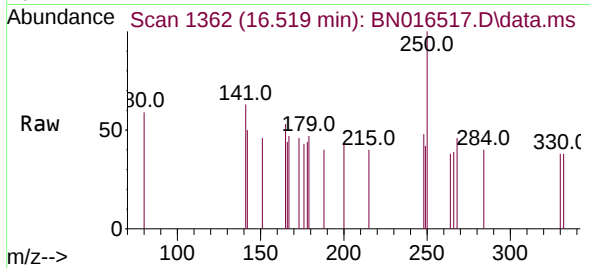




#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

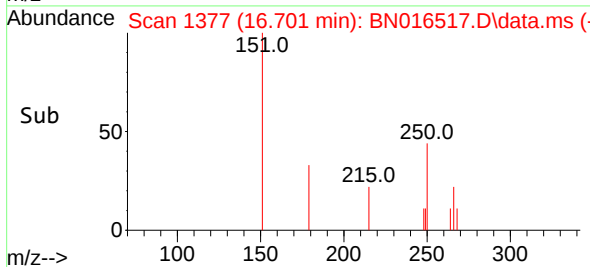
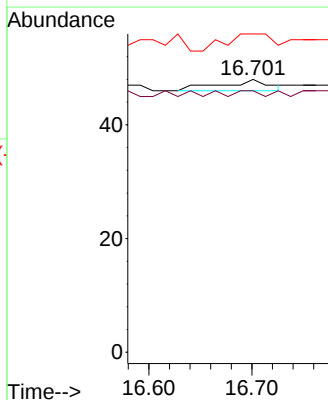
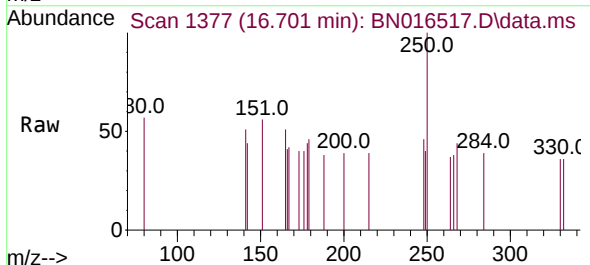
Instrument :
BNA_N
ClientSampled :

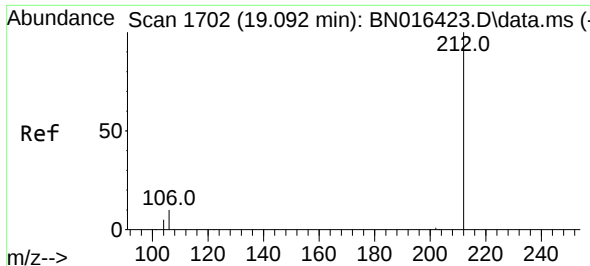
Tgt Ion:200 Resp: 14
Ion Ratio Lower Upper
200 100
173 105.8 18.7 28.1#
215 92.3 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 0.0 50.6 75.8#
268 128.6 52.6 79.0#

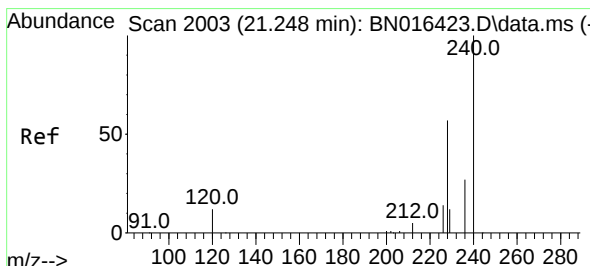
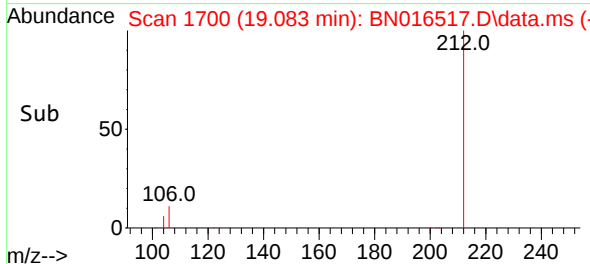
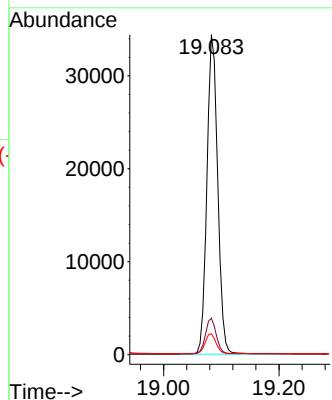
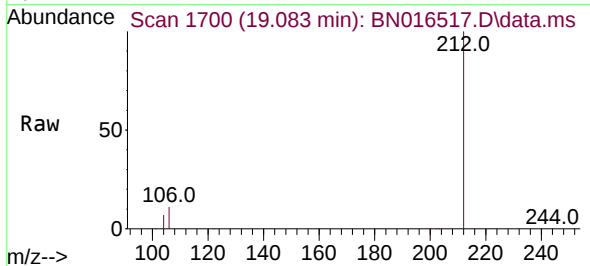




#27
Fluoranthene-d10
Concen: 0.674 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

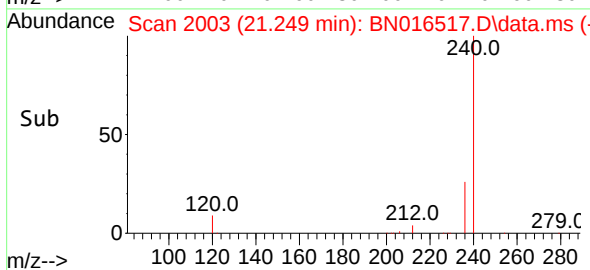
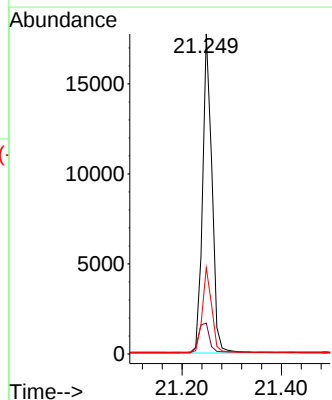
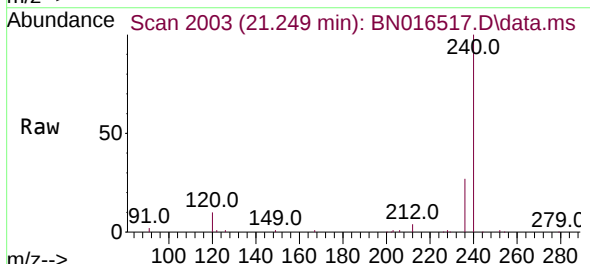
Instrument :
BNA_N
ClientSampleId :

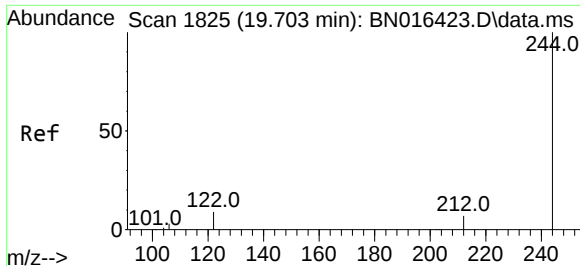
Tgt Ion:212 Resp: 44392
Ion Ratio Lower Upper
212 100
106 11.1 9.8 14.6
104 6.4 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Tgt Ion:240 Resp: 23217
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.9 19.8 29.8

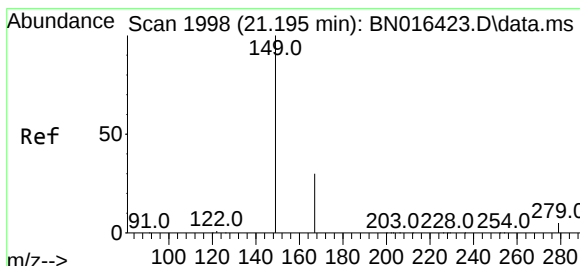
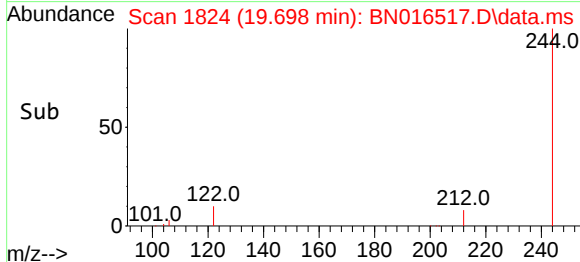
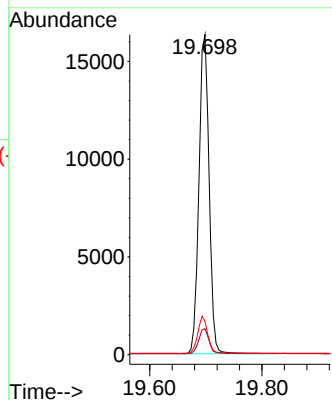
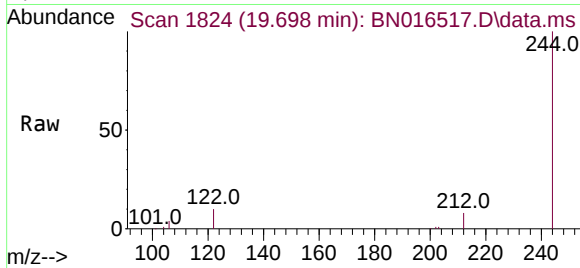




#31
 Terphenyl-d14
 Concen: 0.380 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016517.D
 Acq: 26 Sep 2021 18:50

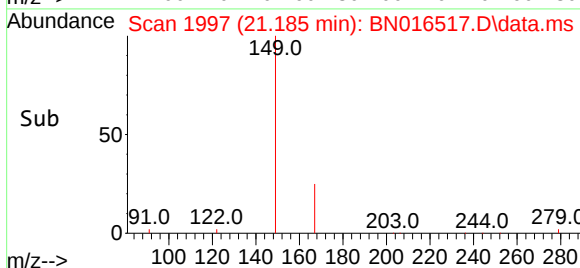
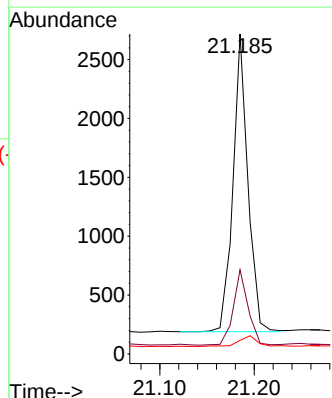
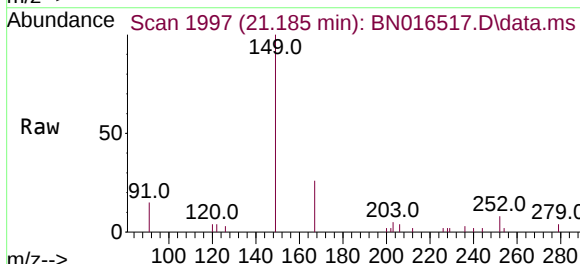
Instrument :
 BNA_N
 ClientSampleId :

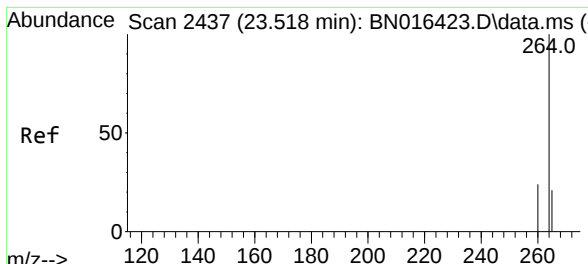
Tgt Ion:244 Resp: 20515
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.5 8.3
 122 10.4 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.151 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016517.D
 Acq: 26 Sep 2021 18:50

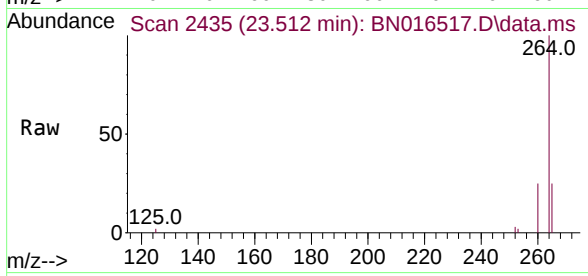
Tgt Ion:149 Resp: 2774
 Ion Ratio Lower Upper
 149 100
 167 25.1 23.4 35.0
 279 4.6 3.9 5.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016517.D
Acq: 26 Sep 2021 18:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	22548
Ion Ratio	Lower	Upper	
264	100		
260	25.3	18.9	28.3
265	25.2	23.7	35.5

