

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016518.D
 Acq On : 26 Sep 2021 19:26
 Operator : CG/JU
 Sample : M3833-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:32:11 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)

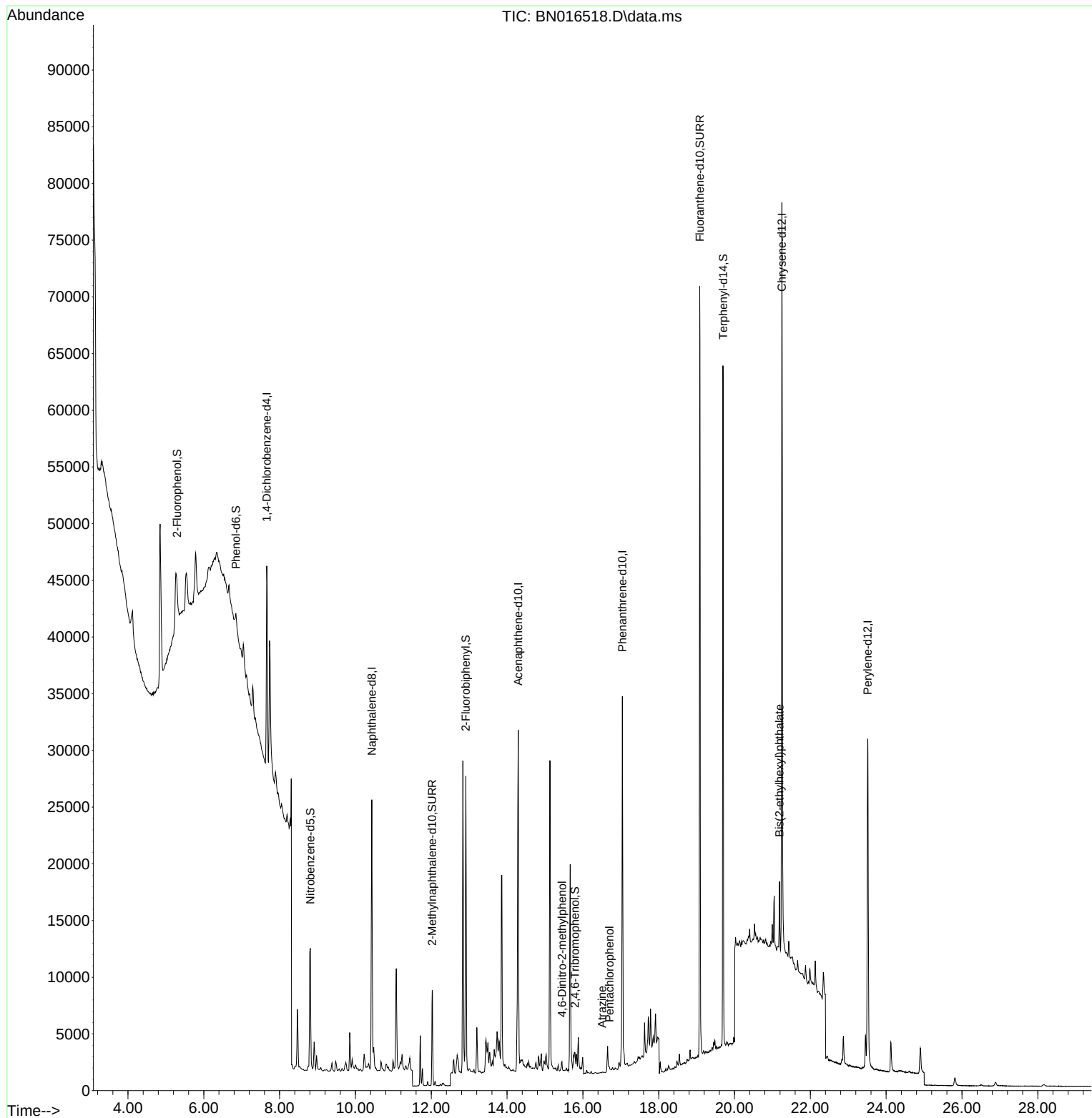
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11061	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	30461	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	14181	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	41386	0.400	ng	0.00
29) Chrysene-d12	21.249	240	65916	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	41294	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	824	0.033	ng	0.00
5) Phenol-d6	6.849	99	957	0.033	ng	0.00
8) Nitrobenzene-d5	8.810	82	9300	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	11130	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1094	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	20976	0.352	ng	-0.01
27) Fluoranthene-d10	19.083	212	77133	0.679	ng	0.00
31) Terphenyl-d14	19.698	244	59937	0.391	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.449	198	11	0.150	ng	# 1
23) Atrazine	16.506	200	10	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	12	0.245	ng	# 7
34) Bis(2-ethylhexyl)phtha...	21.185	149	5022	0.096	ng	99

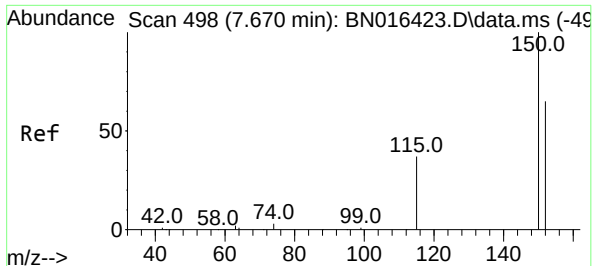
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

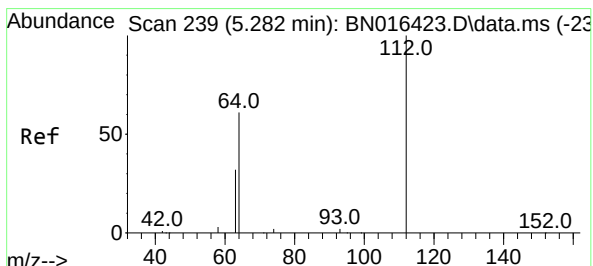
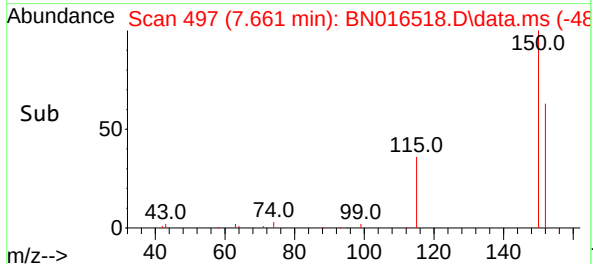
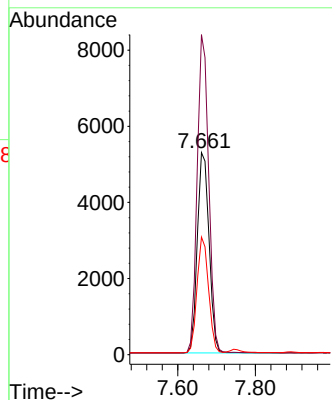
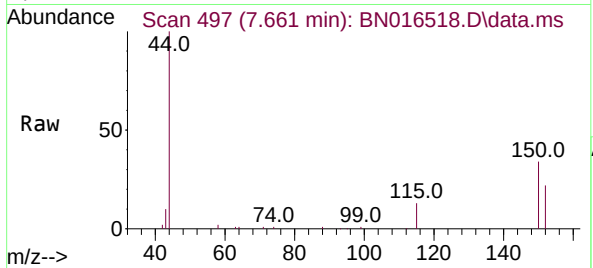




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

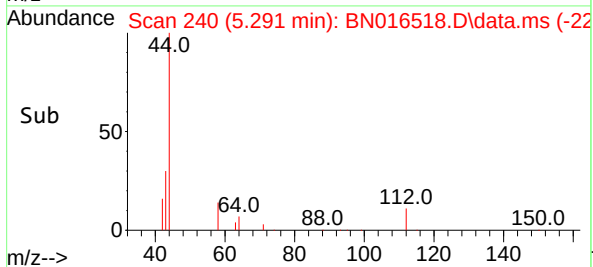
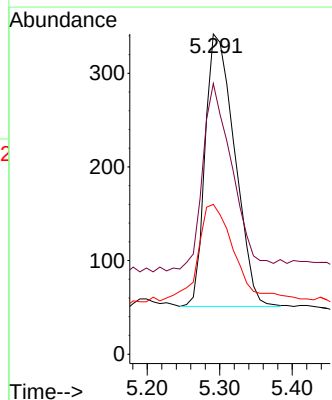
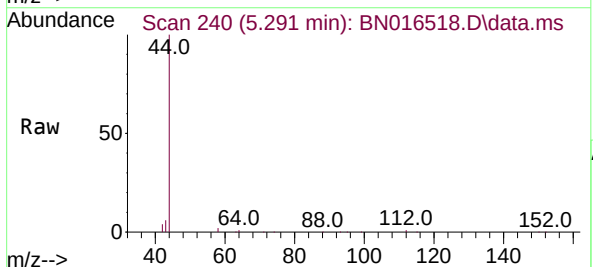
Instrument :
BNA_N
ClientSampleId :

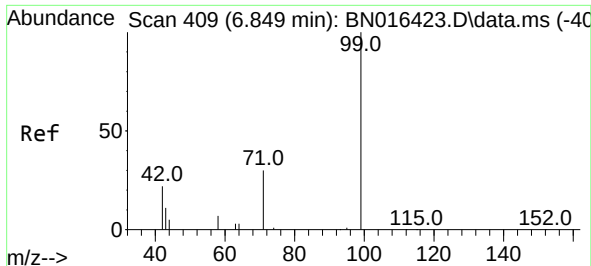
Tgt Ion:152 Resp: 11061
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 58.2 50.2 75.2



#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:112 Resp: 824
Ion Ratio Lower Upper
112 100
64 69.5 47.3 70.9
63 44.9 23.4 35.0#

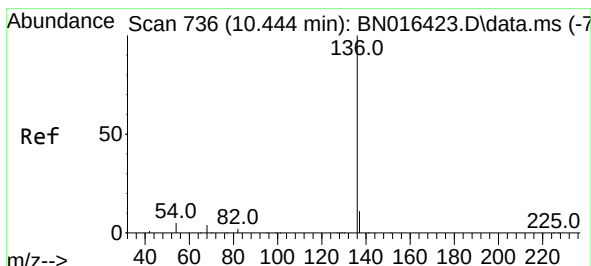
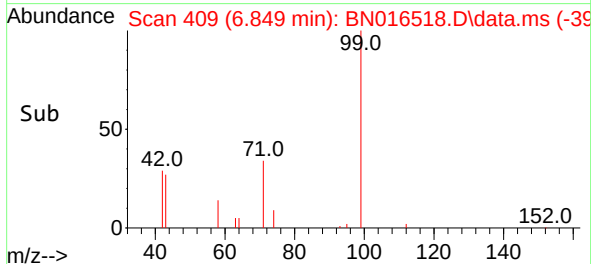
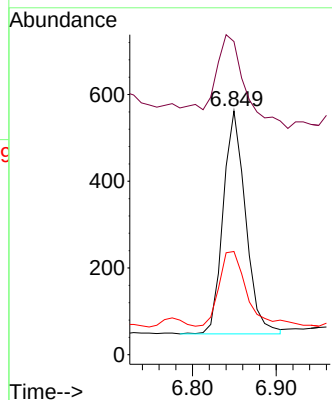
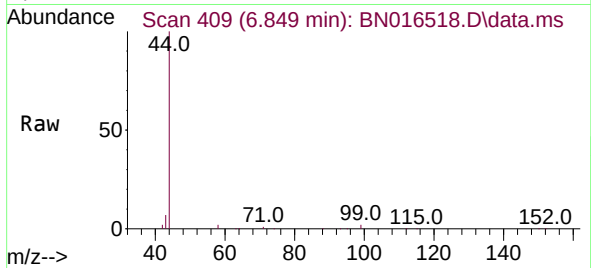




#5
Phenol-d6
Concen: 0.033 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

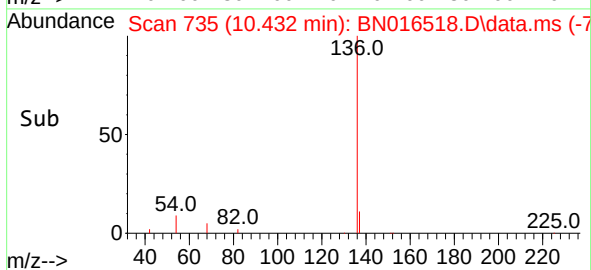
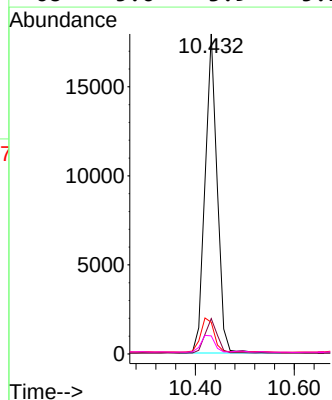
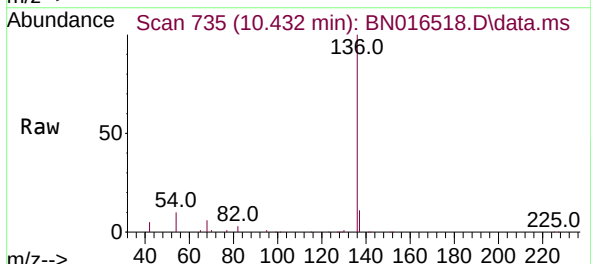
Instrument :
BNA_N
ClientSampled :

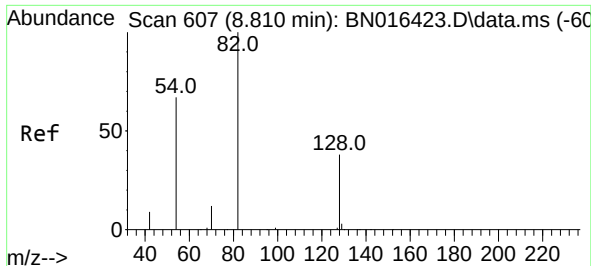
Tgt Ion: 99 Resp: 957
Ion Ratio Lower Upper
99 100
42 43.8 14.0 21.0#
71 39.5 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion: 136 Resp: 30461
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 5.3 7.9#
68 5.6 3.9 5.9

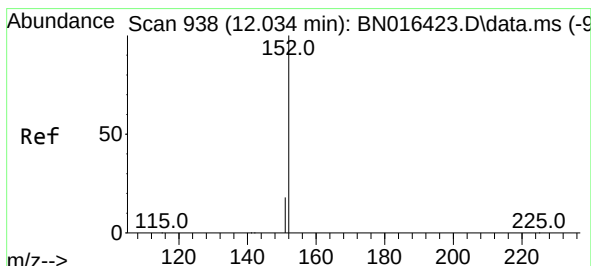
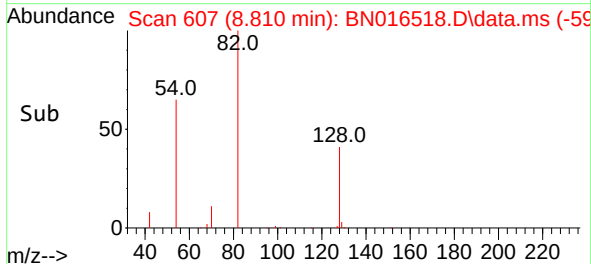
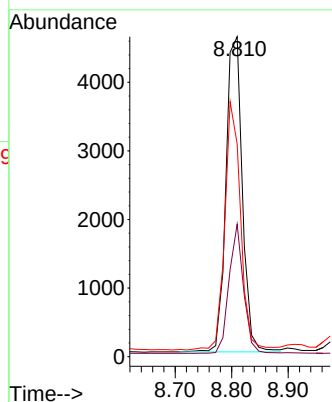
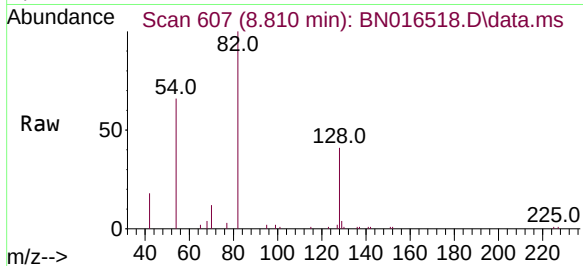




#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

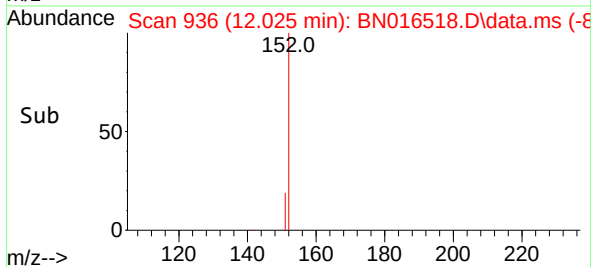
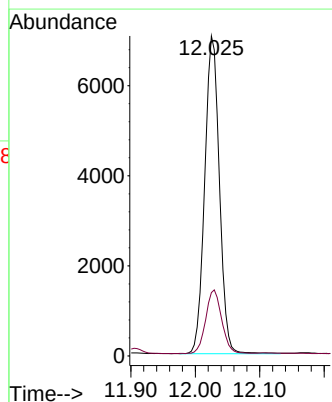
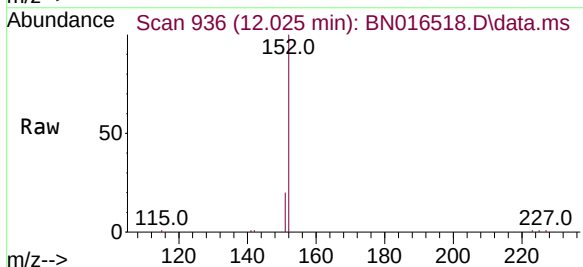
Instrument :
BNA_N
ClientSampleId :

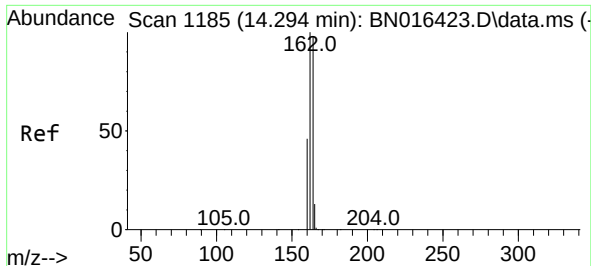
Tgt Ion: 82 Resp: 9300
Ion Ratio Lower Upper
82 100
128 41.4 31.7 47.5
54 66.5 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:152 Resp: 11130
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1

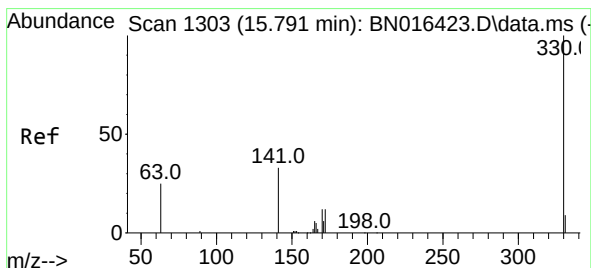
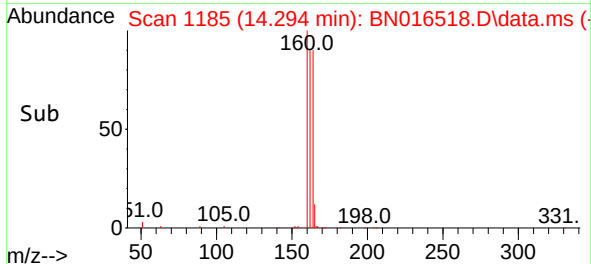
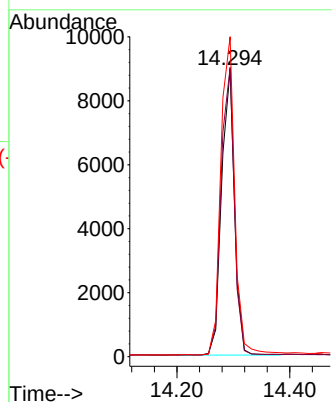
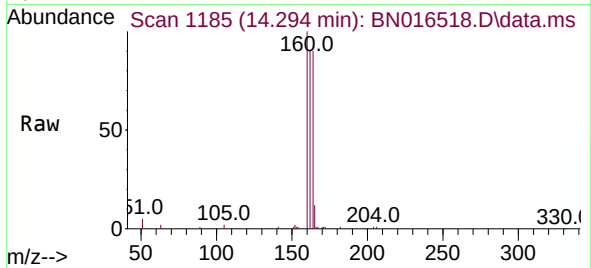




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

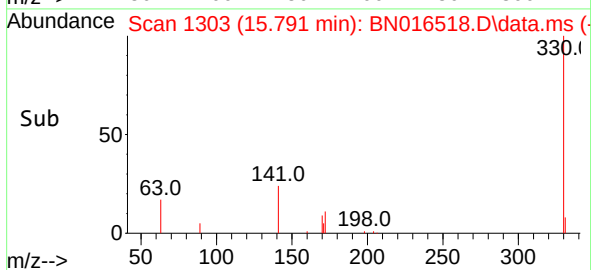
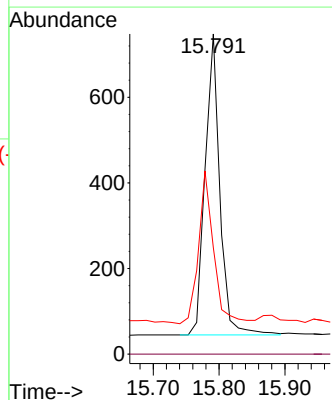
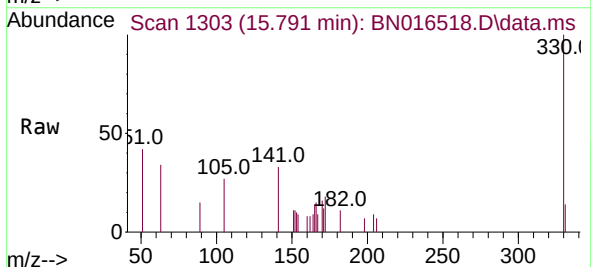
Instrument :
BNA_N
ClientSampleId :

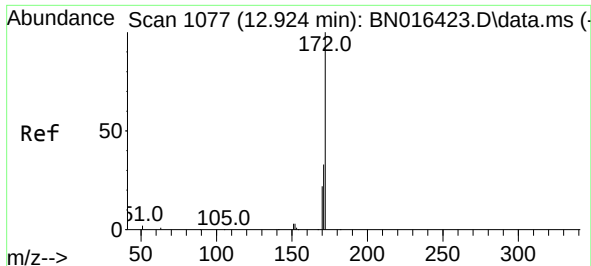
Tgt Ion:164 Resp: 14181
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.4
160 111.4 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:330 Resp: 1094
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.7 25.0 37.4#

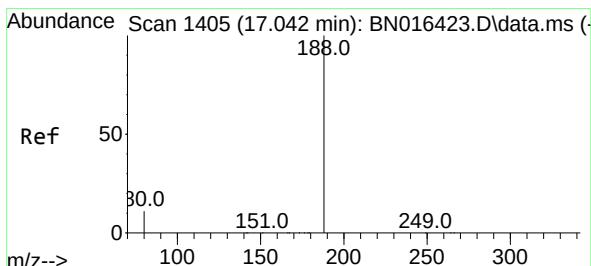
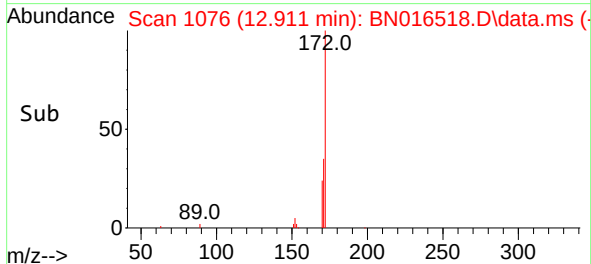
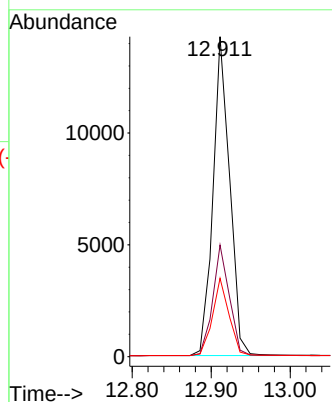
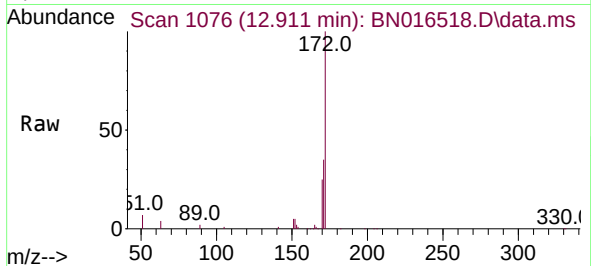




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

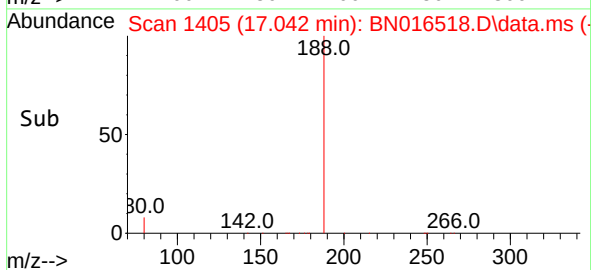
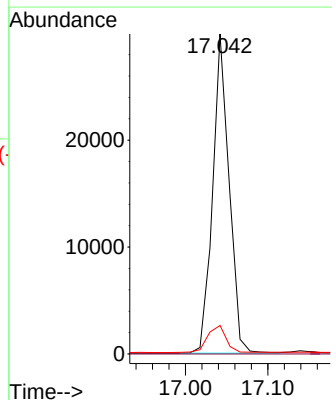
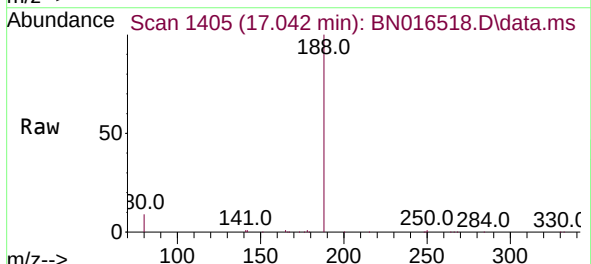
Instrument :
BNA_N
ClientSampleId :

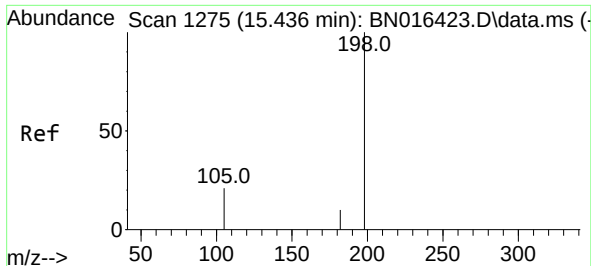
Tgt Ion:	172	Resp:	20976
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.6
170	24.5	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:	188	Resp:	41386
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.0	10.6

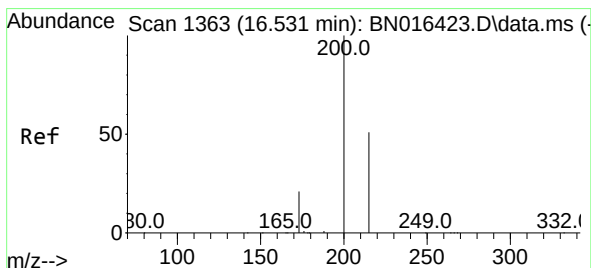
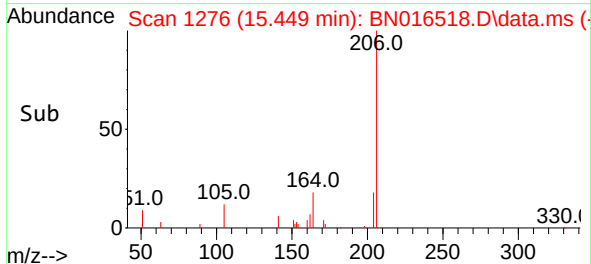
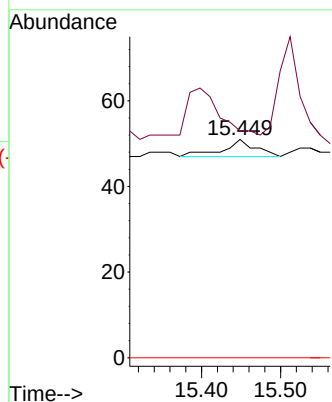
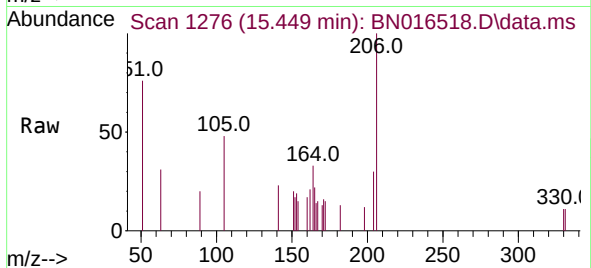




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

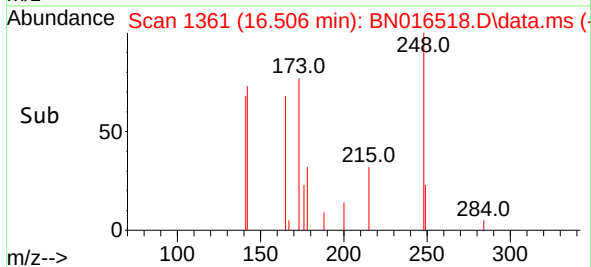
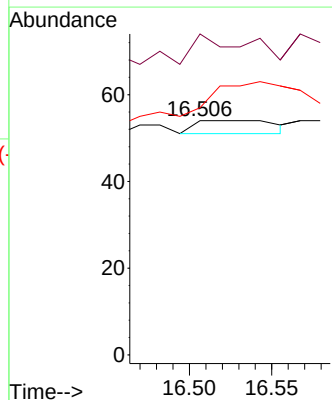
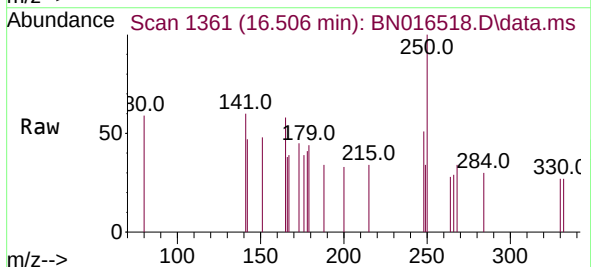
Instrument :
BNA_N
ClientSampleId :

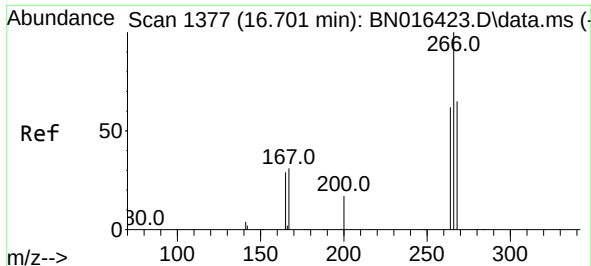
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 103.9 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.025 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:200 Resp: 10
Ion Ratio Lower Upper
200 100
173 137.0 18.7 28.1#
215 105.6 41.6 62.4#

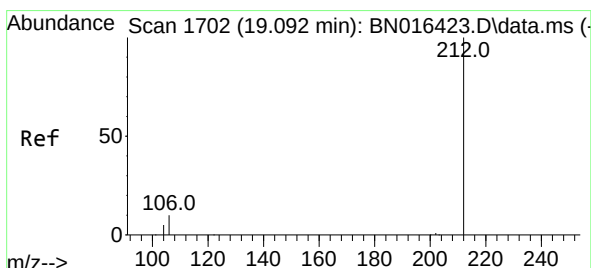
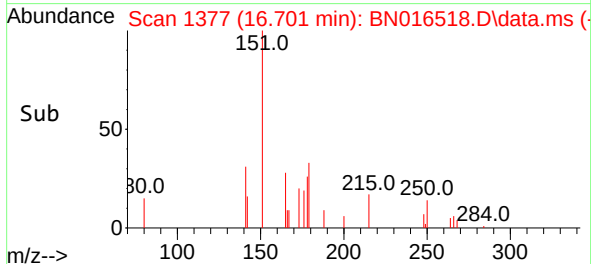
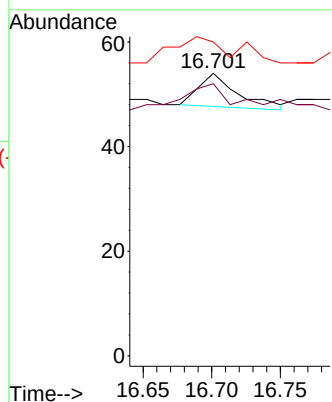
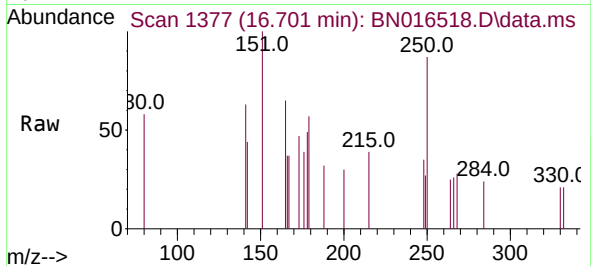




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

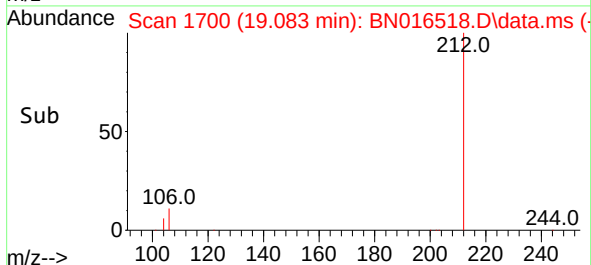
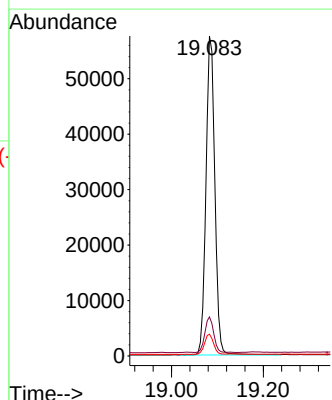
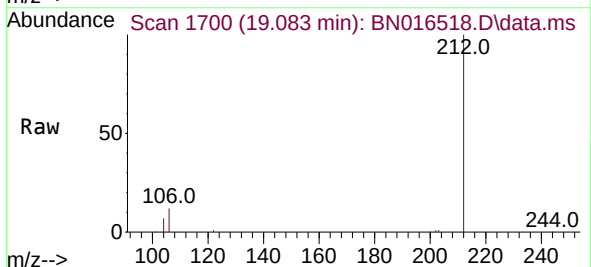
Instrument :
BNA_N
ClientSampleId :

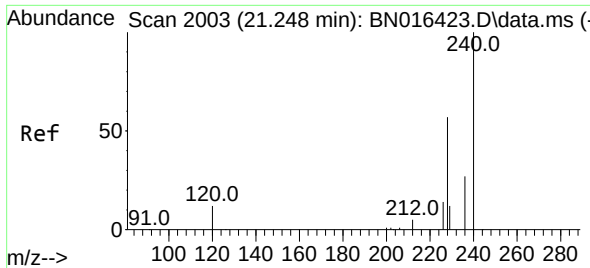
Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 125.0 50.6 75.8#
268 150.0 52.6 79.0#



#27
Fluoranthene-d10
Concen: 0.679 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:212 Resp: 77133
Ion Ratio Lower Upper
212 100
106 11.0 9.8 14.6
104 6.3 5.4 8.2

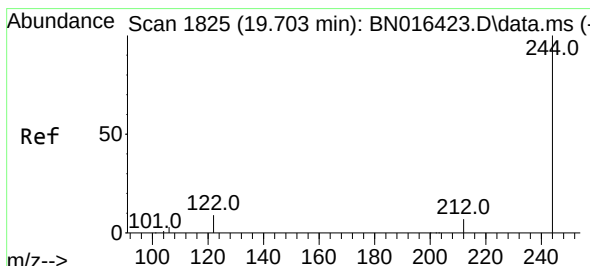
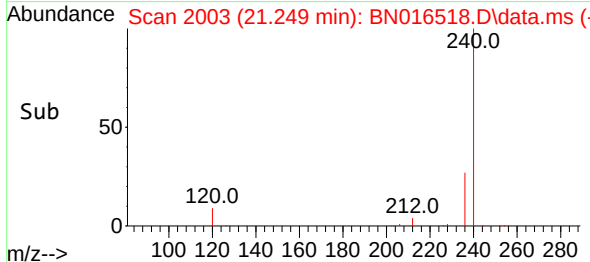
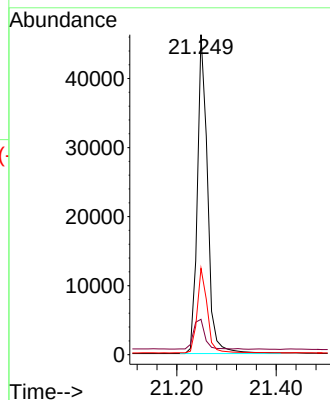
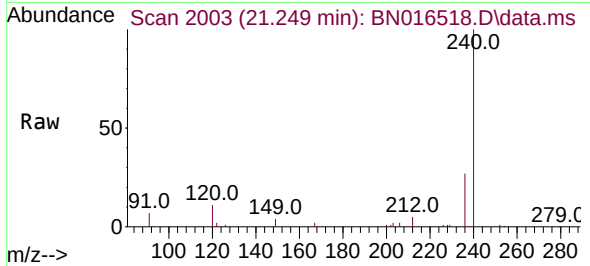




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

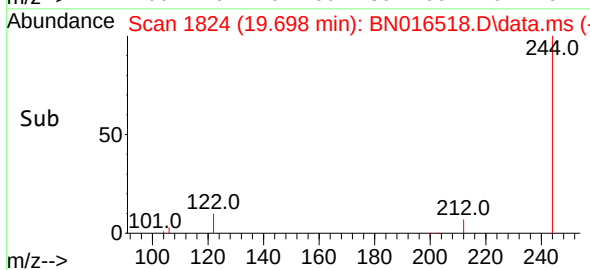
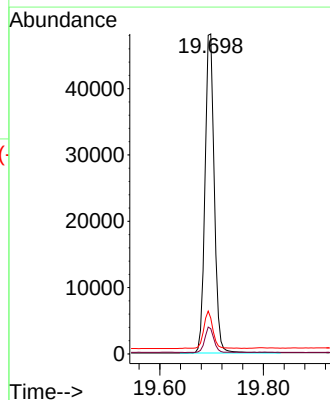
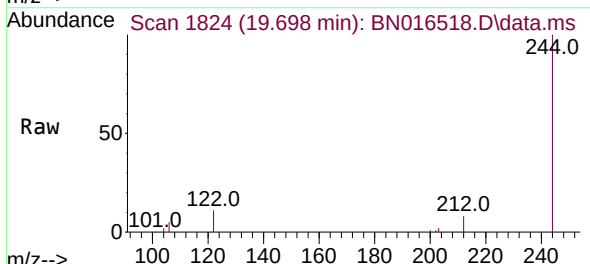
Instrument :
BNA_N
ClientSampleId :

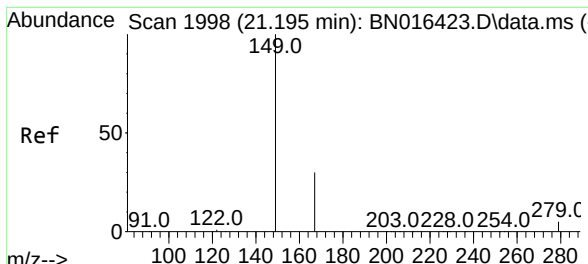
Tgt Ion:240 Resp: 65916
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 27.0 19.8 29.8



#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016518.D
Acq: 26 Sep 2021 19:26

Tgt Ion:244 Resp: 59937
Ion Ratio Lower Upper
244 100
212 7.9 5.5 8.3
122 11.2 9.0 13.4

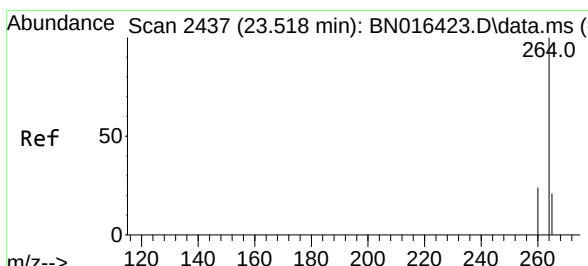
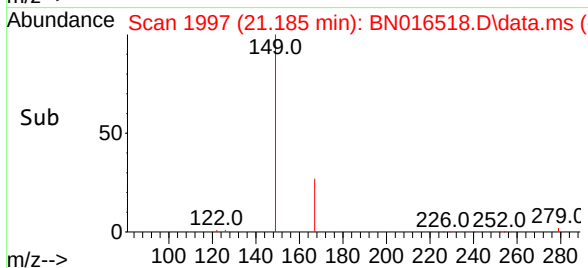
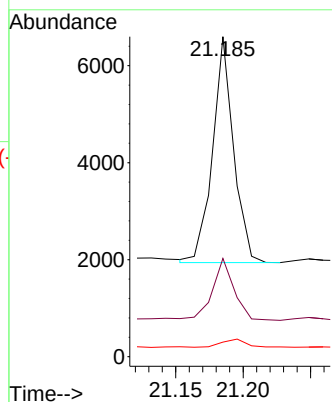
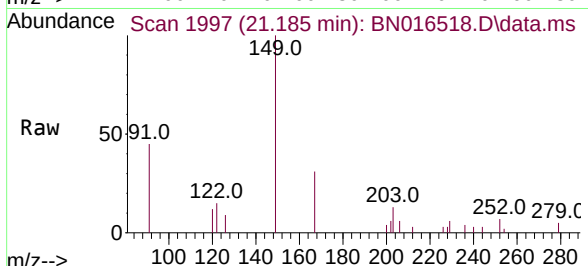




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016518.D
 Acq: 26 Sep 2021 19:26

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149	Resp:	5022
Ion Ratio	Lower	Upper
149	100	
167	29.6	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: BN016518.D
 Acq: 26 Sep 2021 19:26

Tgt Ion:264	Resp:	41294
Ion Ratio	Lower	Upper
264	100	
260	24.8	18.9 28.3
265	24.2	23.7 35.5

