

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016520.D
 Acq On : 26 Sep 2021 20:38
 Operator : CG/JU
 Sample : M3833-02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:32:25 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)

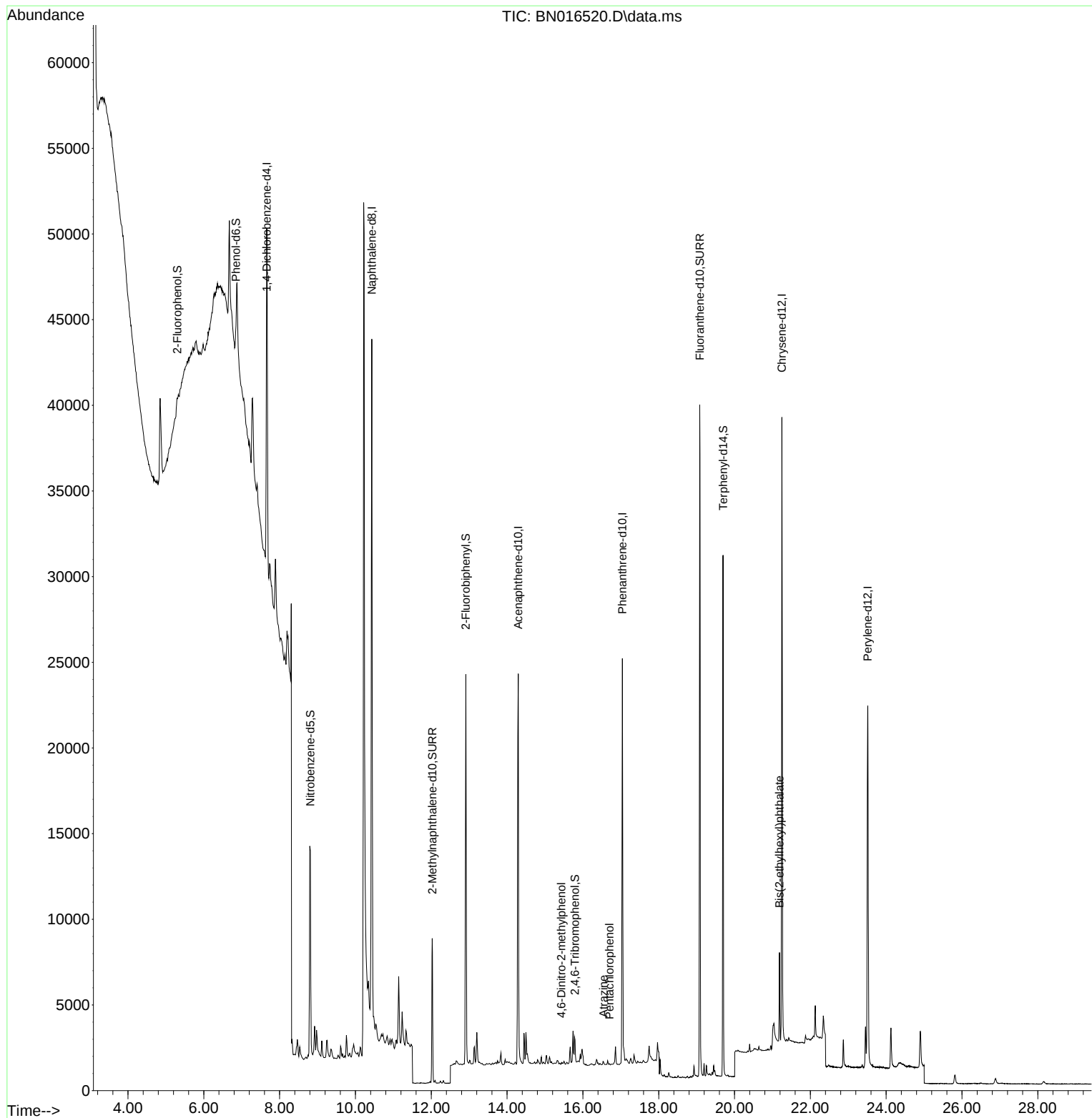
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11576	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	50002	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	10966	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	29814	0.400	ng	0.00
29) Chrysene-d12	21.249	240	33699	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	27896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	736	0.028	ng	0.02
5) Phenol-d6	6.850	99	1196	0.039	ng	0.00
8) Nitrobenzene-d5	8.810	82	10945	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	10827	0.146	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1100	0.394	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	17770	0.386	ng	-0.01
27) Fluoranthene-d10	19.083	212	44275	0.541	ng	0.00
31) Terphenyl-d14	19.698	244	30734	0.392	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	1	0.148	ng	# 1
23) Atrazine	16.543	200	14	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	20	0.247	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.185	149	4290	0.161	ng	94

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

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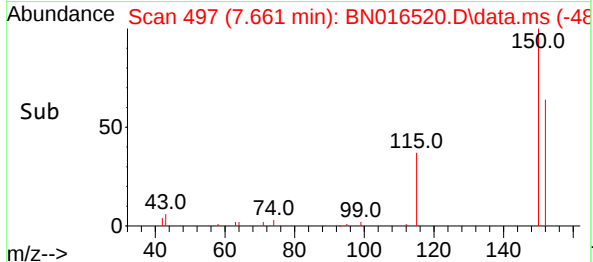
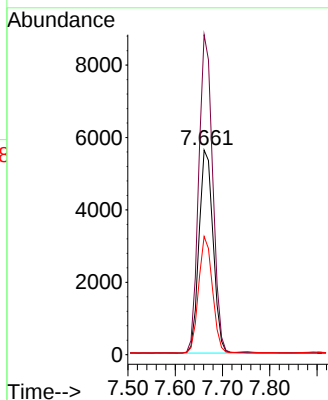
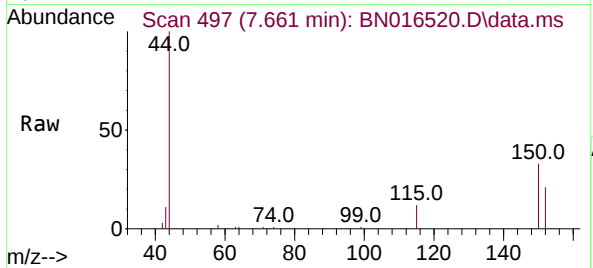




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016520.D
 Acq: 26 Sep 2021 20:38

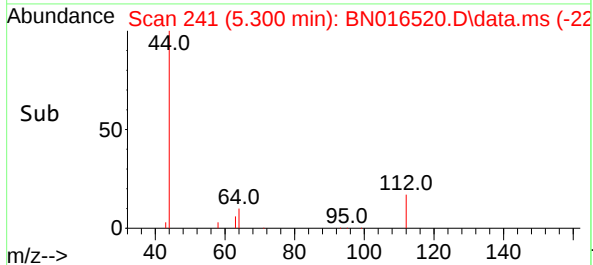
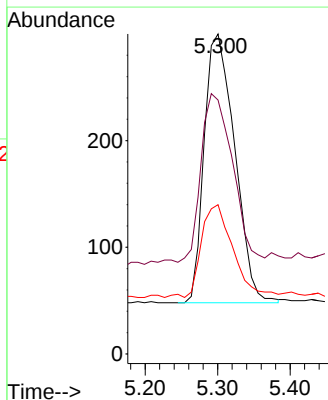
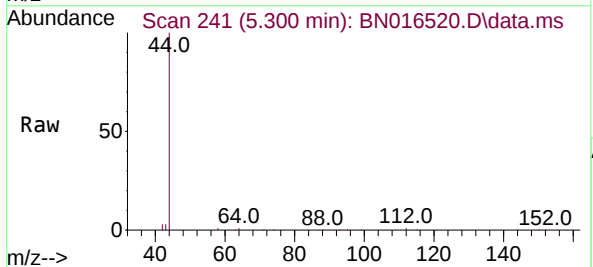
Instrument :
 BNA_N
 ClientSampleId :

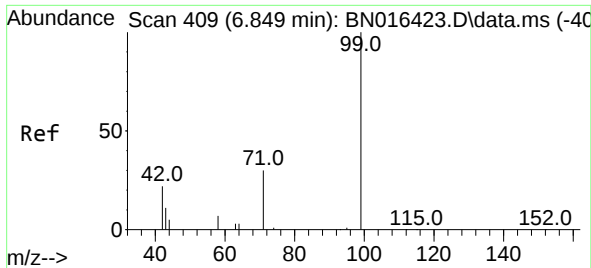
Tgt Ion:152 Resp: 11576
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.6 188.4
 115 57.8 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.028 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.019 min
 Lab File: BN016520.D
 Acq: 26 Sep 2021 20:38

Tgt Ion:112 Resp: 736
 Ion Ratio Lower Upper
 112 100
 64 67.9 47.3 70.9
 63 36.0 23.4 35.0#

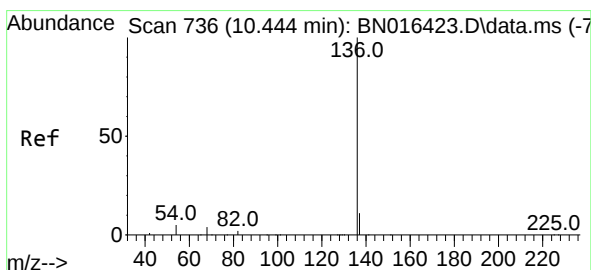
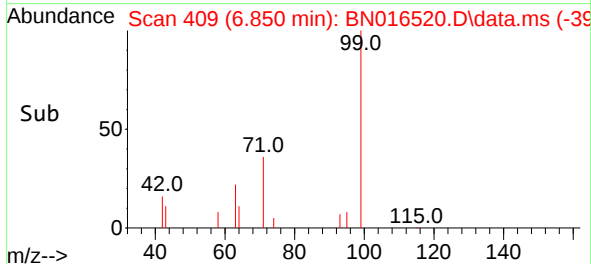
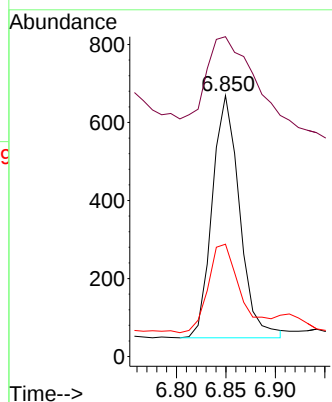
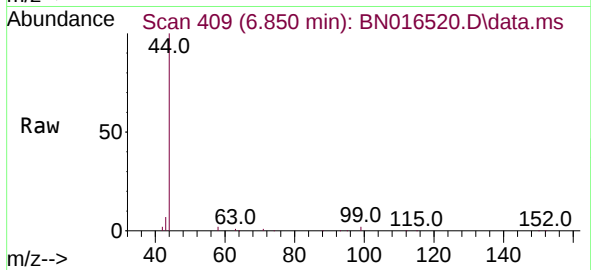




#5
Phenol-d6
Concen: 0.039 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

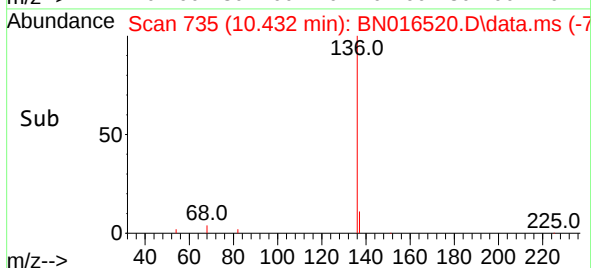
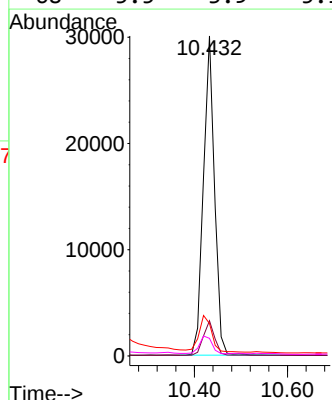
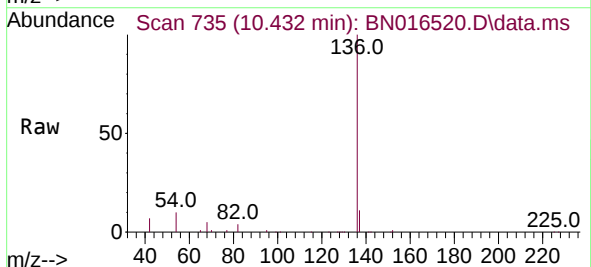
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1196
Ion Ratio Lower Upper
99 100
42 52.8 14.0 21.0#
71 43.5 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: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion: 136 Resp: 50002
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 5.3 7.9#
68 5.5 3.9 5.9

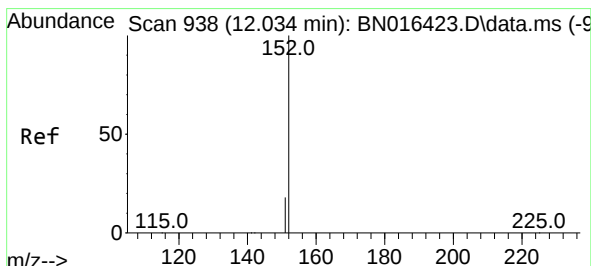
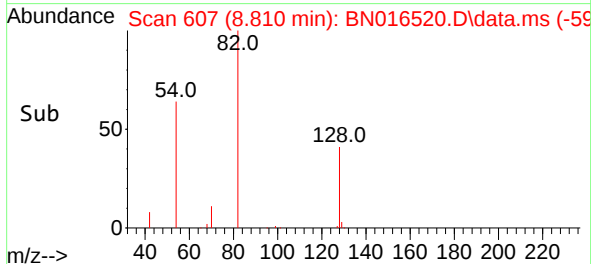
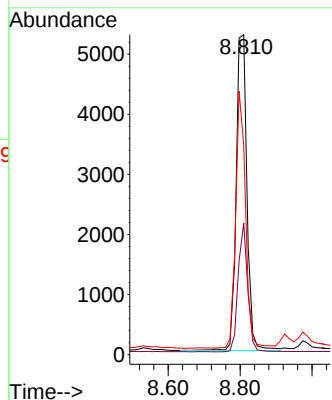
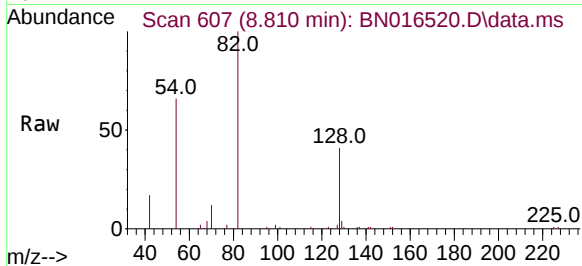




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

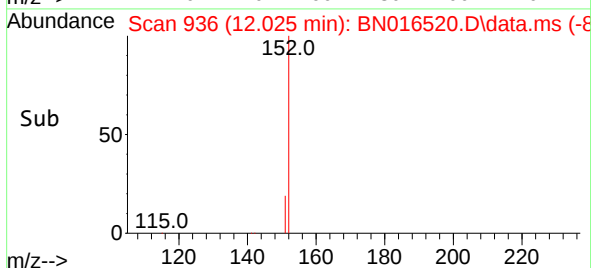
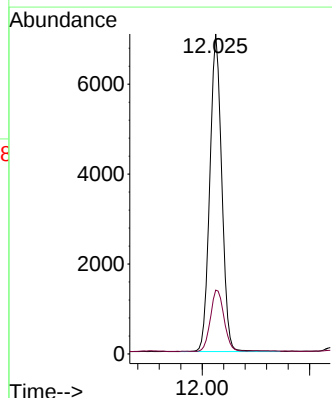
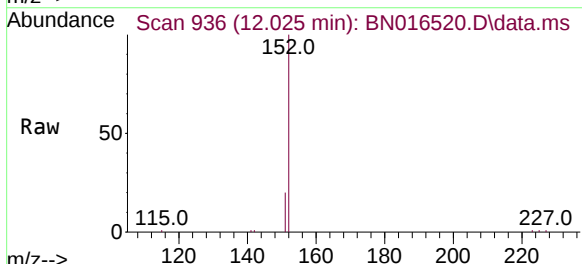
Instrument :
BNA_N
ClientSampleId :

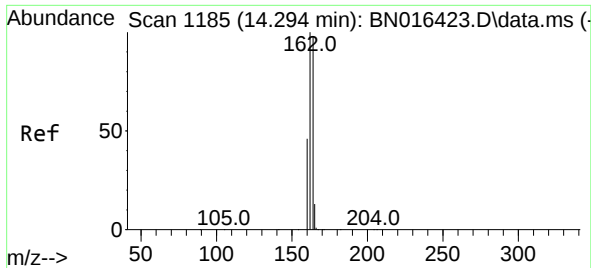
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.7	47.5
54	65.5	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.146 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.1	24.1

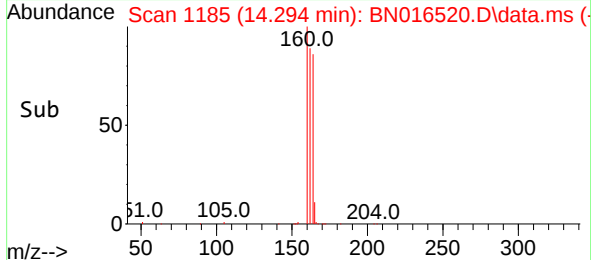
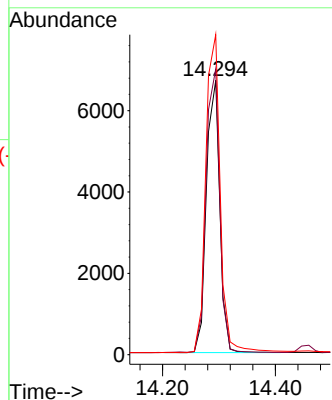
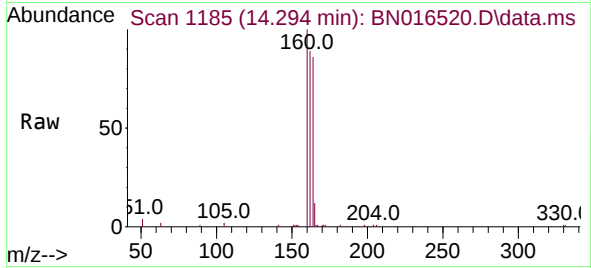




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

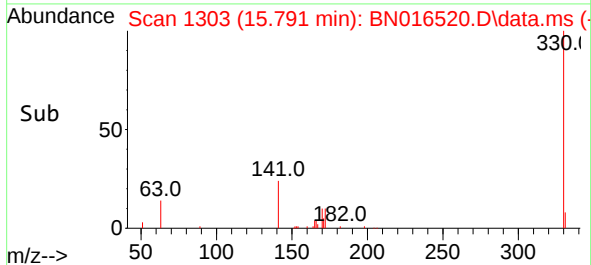
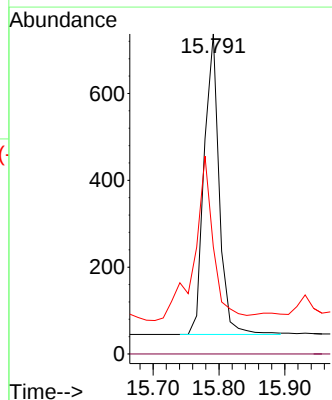
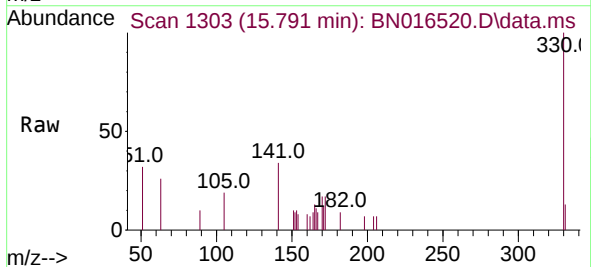
Instrument :
BNA_N
ClientSampleId :

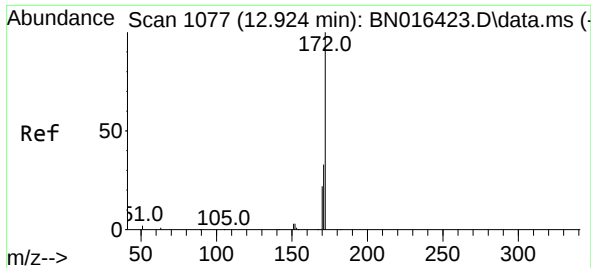
Tgt Ion:164 Resp: 10966
Ion Ratio Lower Upper
164 100
162 104.2 79.0 118.4
160 116.7 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion:330 Resp: 1100
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 65.6 25.0 37.4#

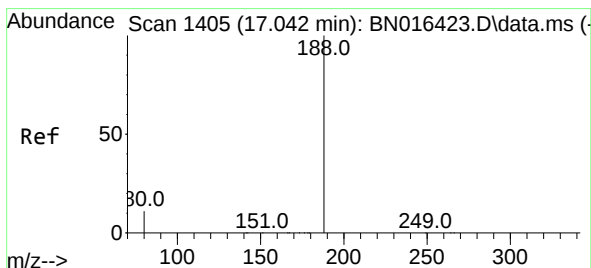
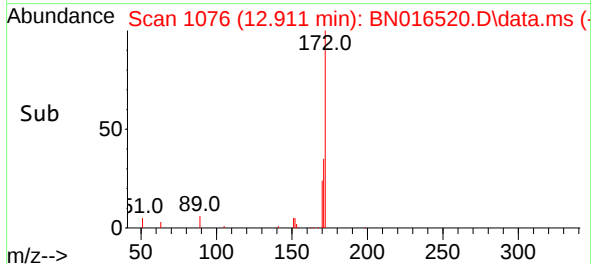
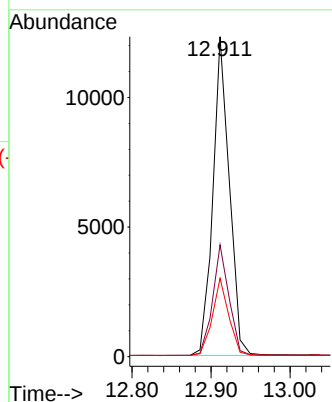
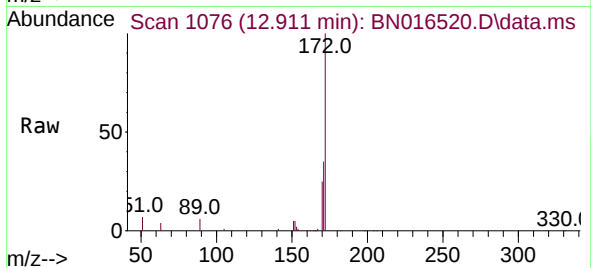




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

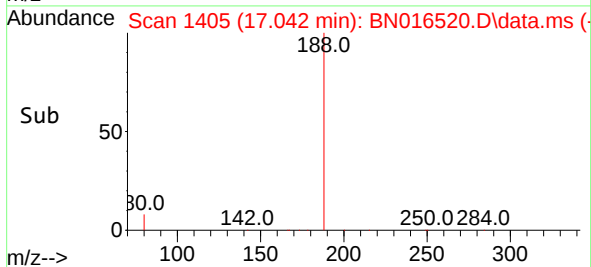
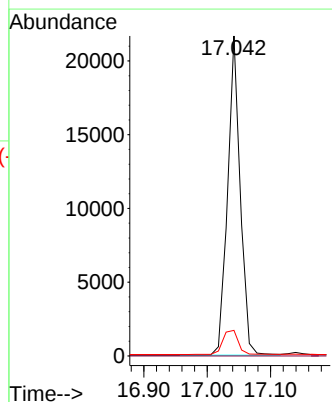
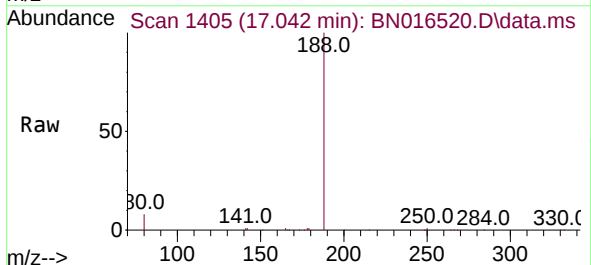
Instrument :
BNA_N
ClientSampleId :

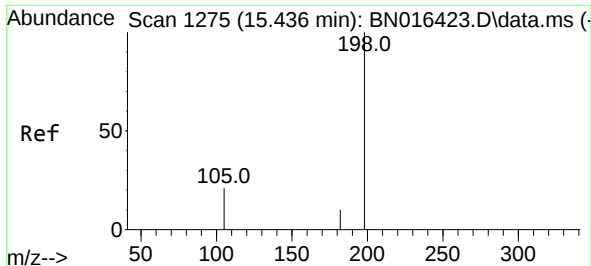
Tgt Ion:172 Resp: 17770
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.5 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion:188 Resp: 29814
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.6

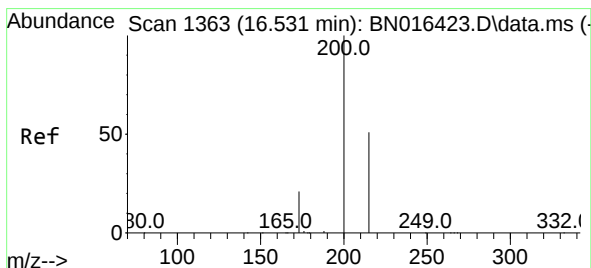
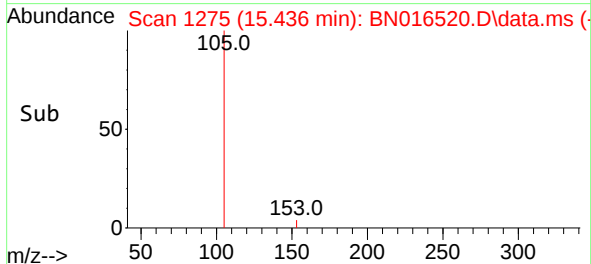
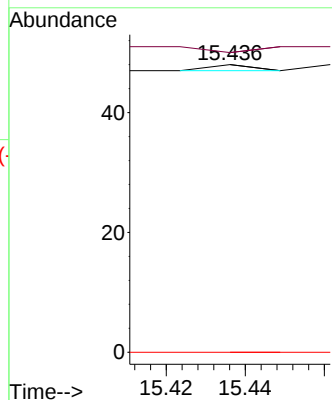
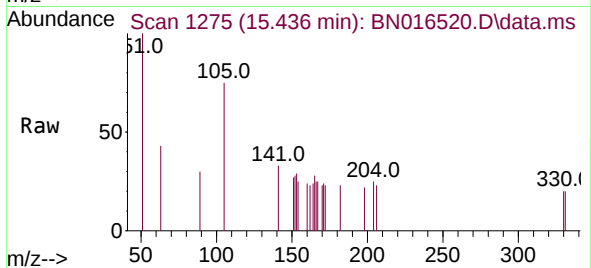




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

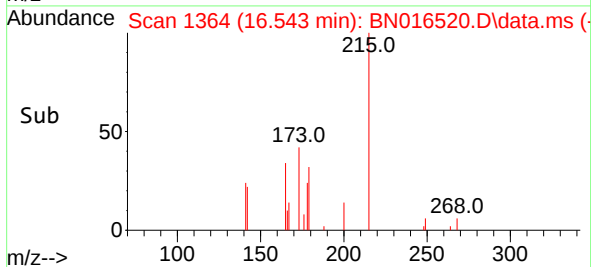
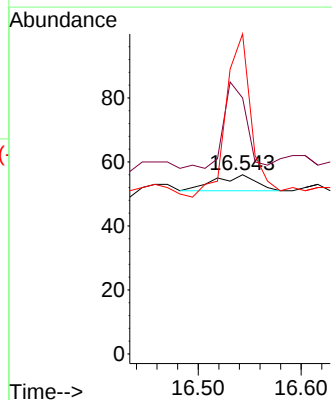
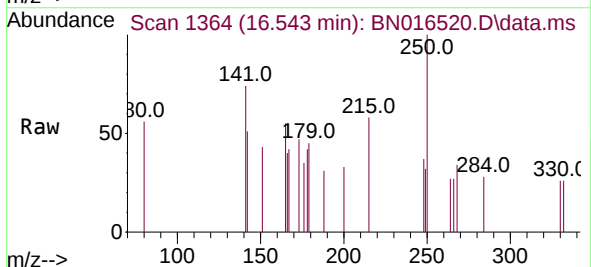
Instrument :
BNA_N
ClientSampleId :

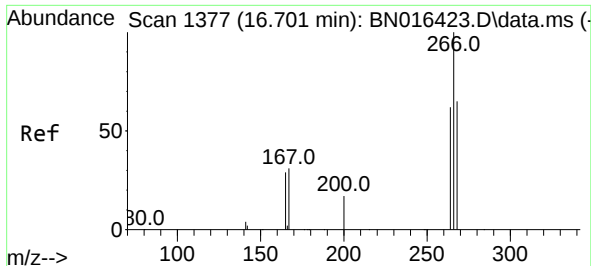
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.2 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion:200 Resp: 14
Ion Ratio Lower Upper
200 100
173 142.9 18.7 28.1#
215 178.6 41.6 62.4#

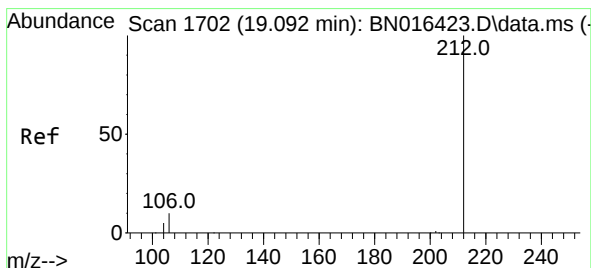
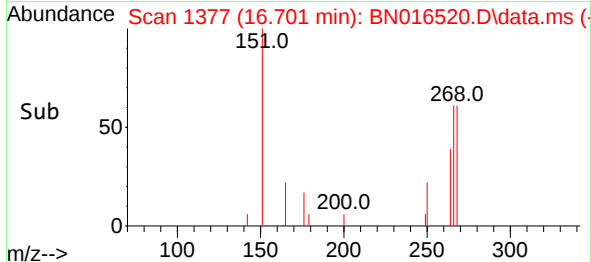
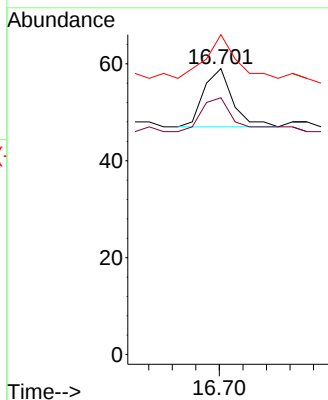
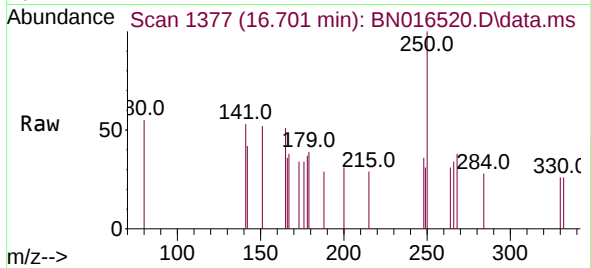




#24
 Pentachlorophenol
 Concen: 0.247 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BN016520.D
 Acq: 26 Sep 2021 20:38

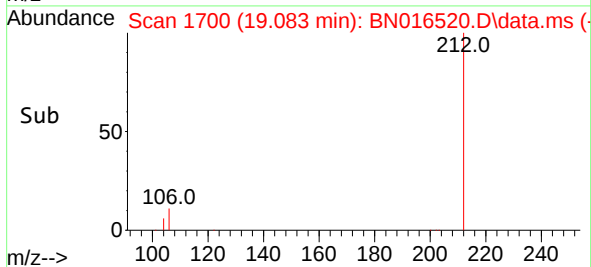
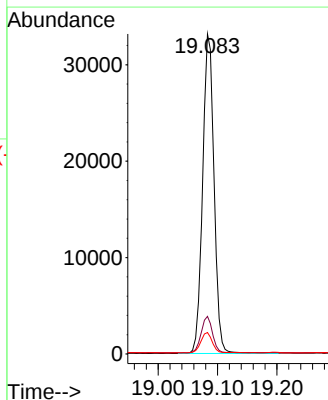
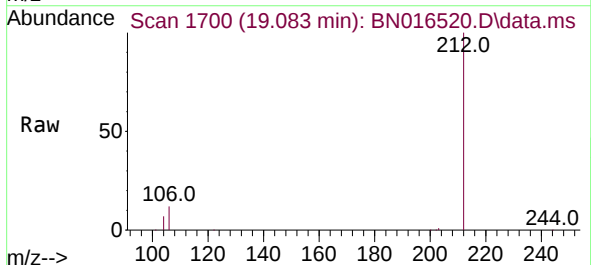
Instrument :
 BNA_N
 ClientSampleId :

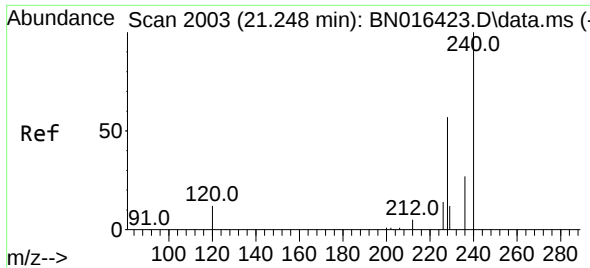
Tgt Ion:	266	Resp:	20
Ion	Ratio	Lower	Upper
266	100		
264	75.0	50.6	75.8
268	115.0	52.6	79.0#



#27
 Fluoranthene-d10
 Concen: 0.541 ng
 RT: 19.083 min Scan# 1700
 Delta R.T. -0.010 min
 Lab File: BN016520.D
 Acq: 26 Sep 2021 20:38

Tgt Ion:	212	Resp:	44275
Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.8	14.6
104	6.3	5.4	8.2

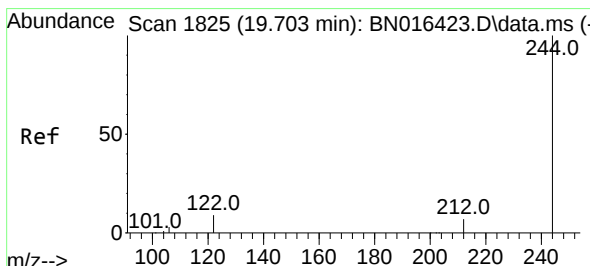
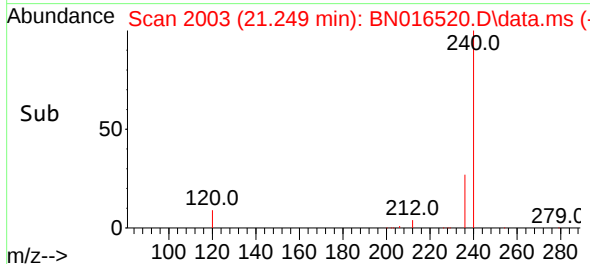
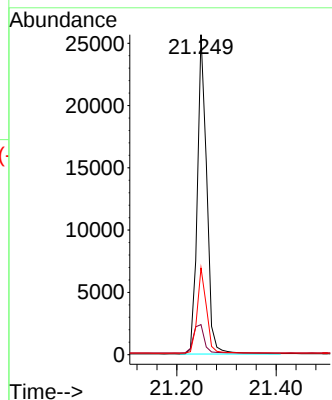
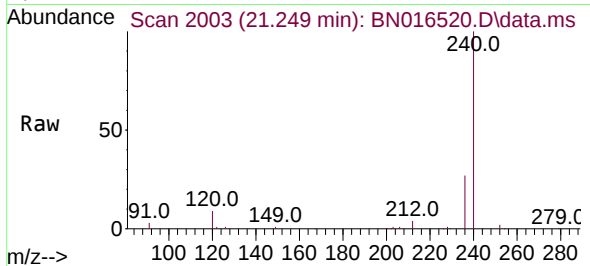




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

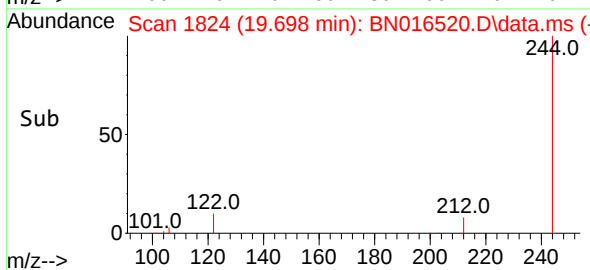
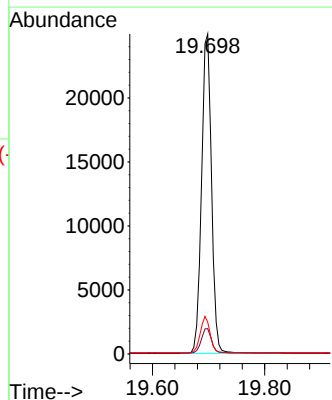
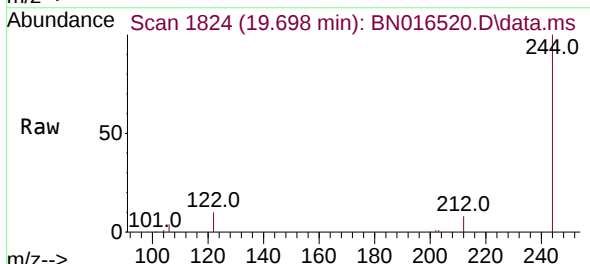
Instrument :
BNA_N
ClientSampleId :

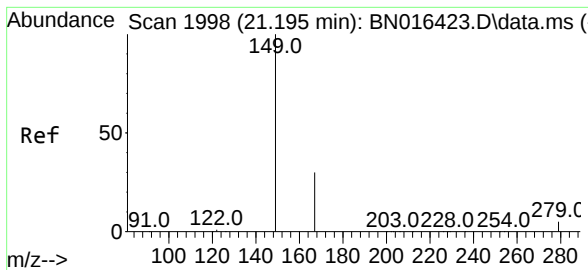
Tgt Ion:240 Resp: 33699
Ion Ratio Lower Upper
240 100
120 9.4 5.3 7.9#
236 27.1 19.8 29.8



#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016520.D
Acq: 26 Sep 2021 20:38

Tgt Ion:244 Resp: 30734
Ion Ratio Lower Upper
244 100
212 7.9 5.5 8.3
122 10.0 9.0 13.4

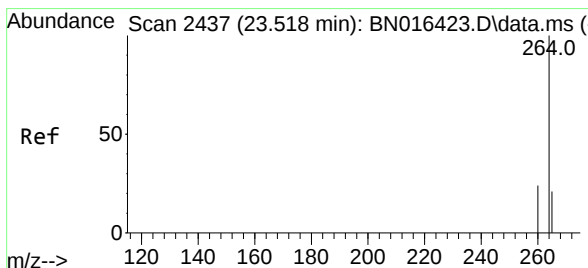
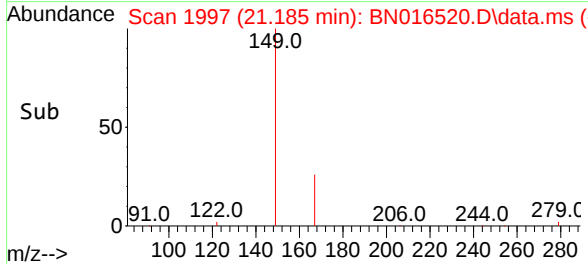
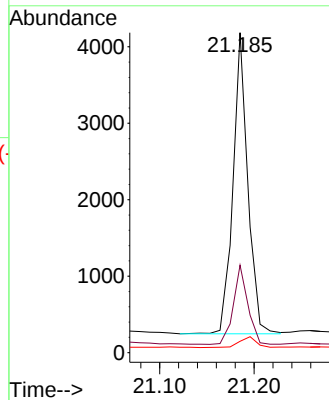
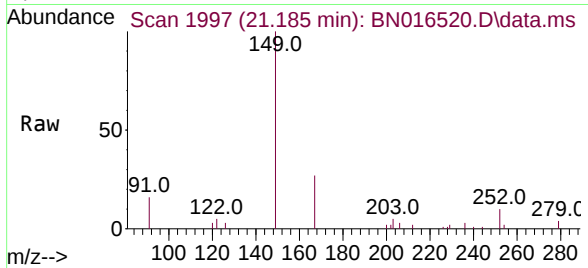




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016520.D
 Acq: 26 Sep 2021 20:38

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	4290
Ion	Ratio	Lower	Upper
149	100		
167	25.6	23.4	35.0
279	4.2	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: BN016520.D
 Acq: 26 Sep 2021 20:38

Tgt Ion:	264	Resp:	27896
Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	25.0	23.7	35.5

