

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016525.D
 Acq On : 27 Sep 2021 00:50
 Operator : CG/JU
 Sample : PB139321BL
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:33:00 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)

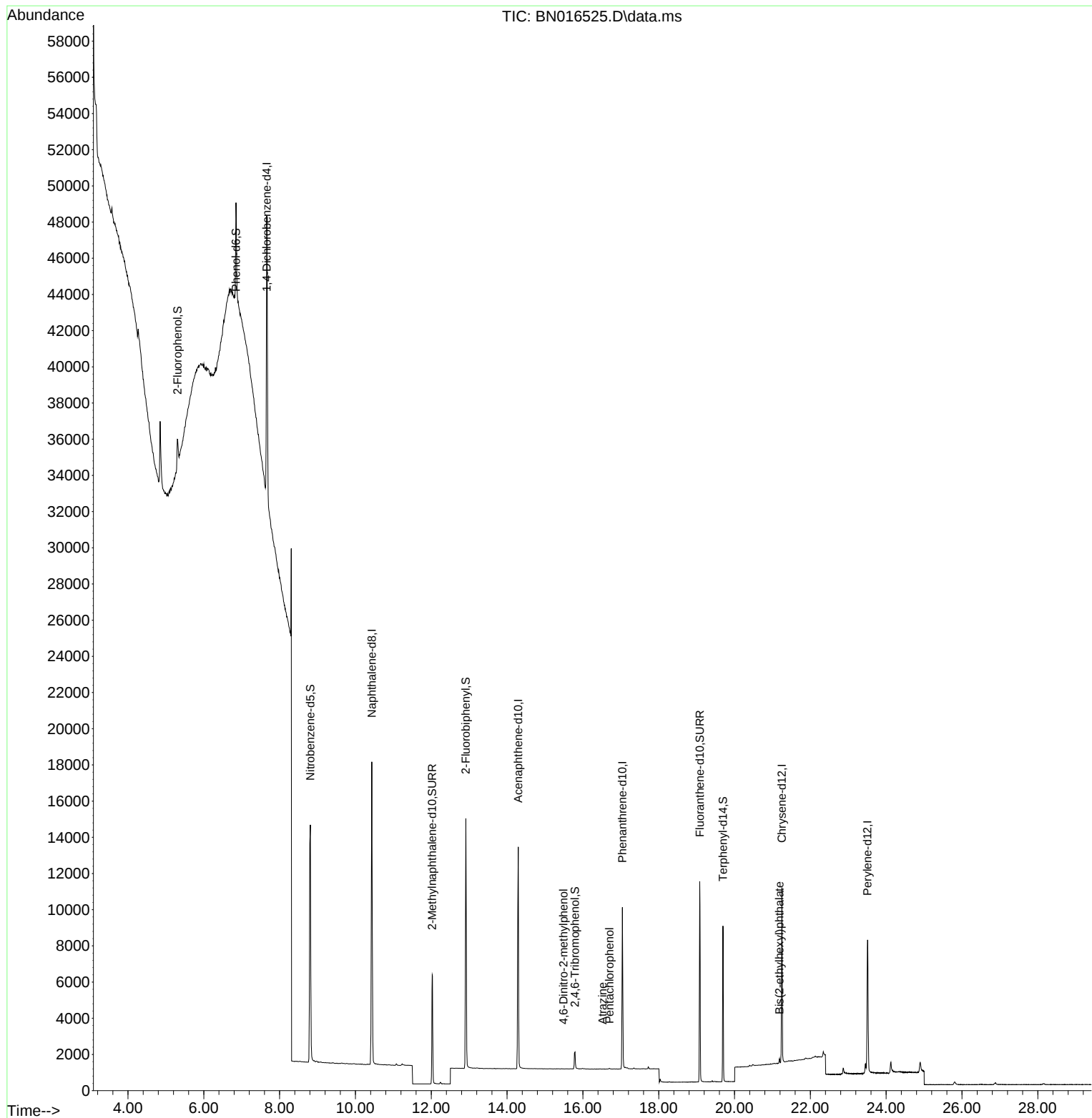
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	9378	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	21054	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	5840	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	12000	0.400	ng	0.00
29) Chrysene-d12	21.249	240	8519	0.400	ng	0.00
35) Perylene-d12	23.508	264	9768	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	1517	0.072	ng	0.03
5) Phenol-d6	6.849	99	4220	0.170	ng	0.00
8) Nitrobenzene-d5	8.810	82	11319	0.760	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	8212	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	789	0.488	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	11595	0.473	ng	-0.01
27) Fluoranthene-d10	19.083	212	12700	0.386	ng	0.00
31) Terphenyl-d14	19.693	244	8722	0.440	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.487	198	2	0.149	ng	# 1
23) Atrazine	16.519	200	5	0.136	ng	# 10
24) Pentachlorophenol	16.701	266	22	0.251	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.185	149	223	0.033	ng	# 81

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

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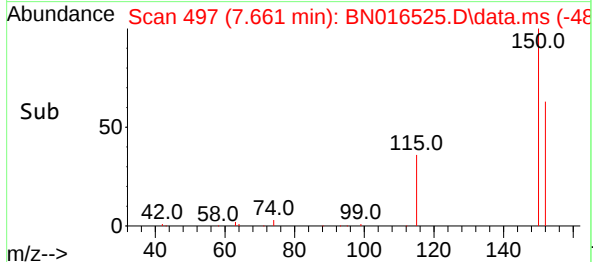
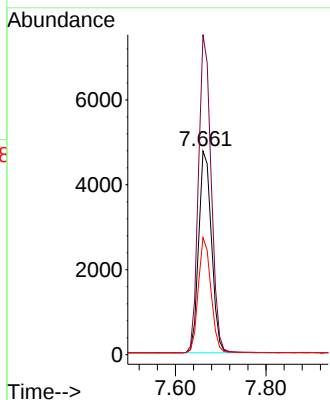
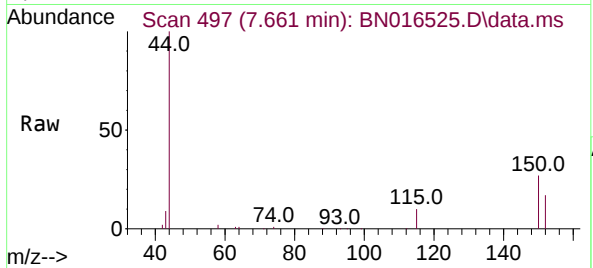




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

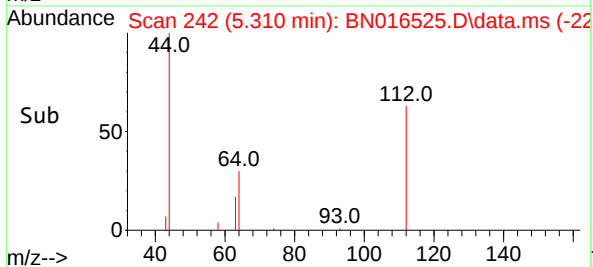
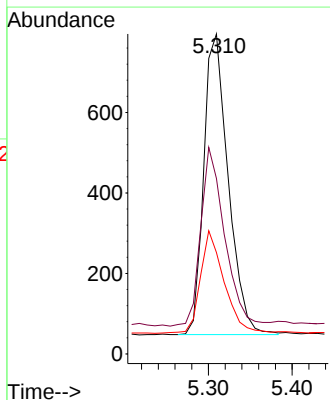
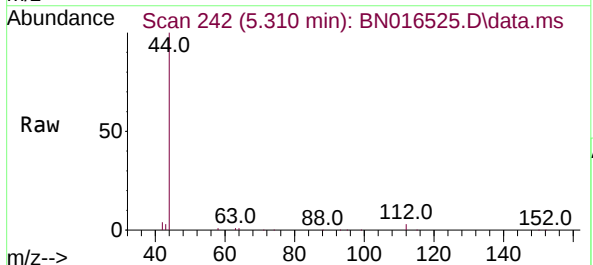
Instrument :
BNA_N
ClientSampleId :

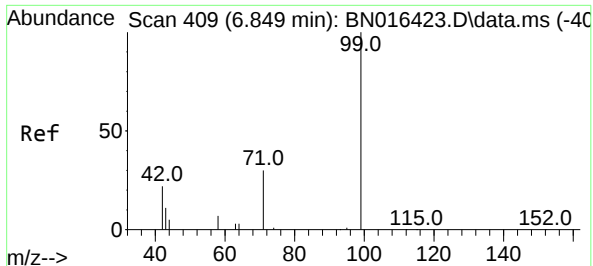
Tgt Ion:152 Resp: 9378
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 57.6 50.2 75.2



#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:112 Resp: 1517
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 33.4 23.4 35.0

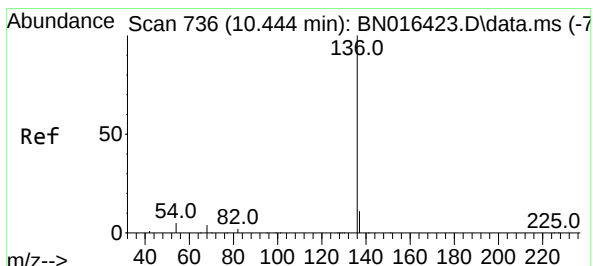
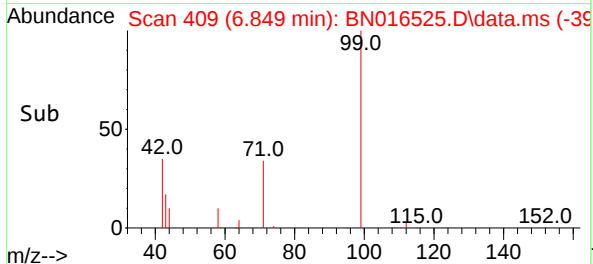
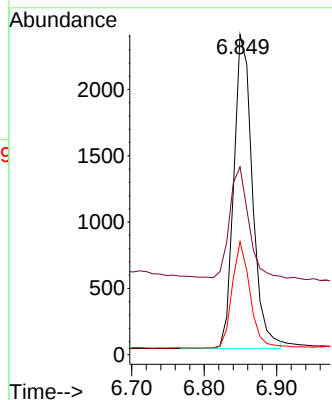
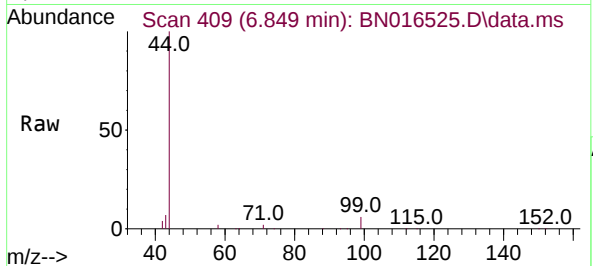




#5
Phenol-d6
Concen: 0.170 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

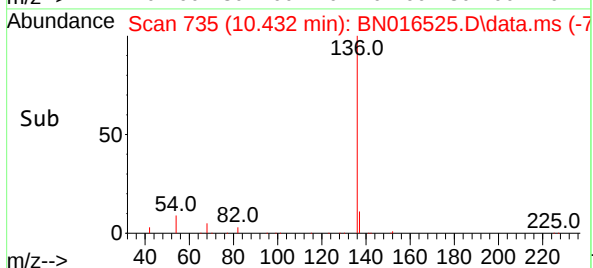
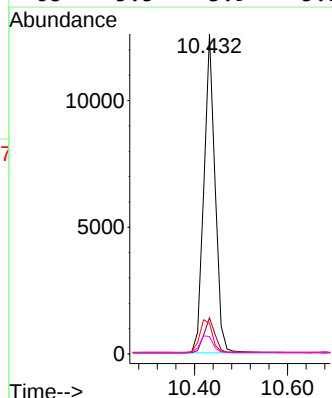
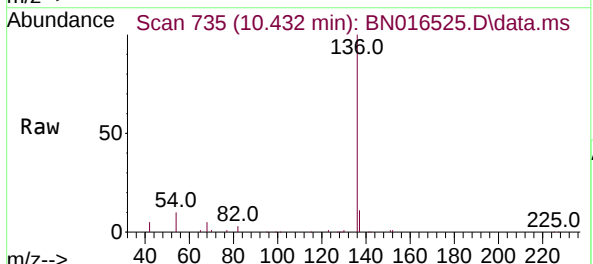
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4220
Ion Ratio Lower Upper
99 100
42 35.3 14.0 21.0#
71 32.6 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: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion: 136 Resp: 21054
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.6 5.3 7.9#
68 5.5 3.9 5.9

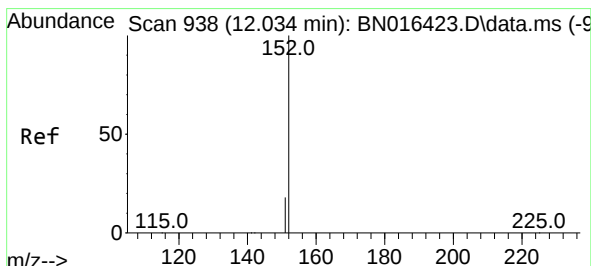
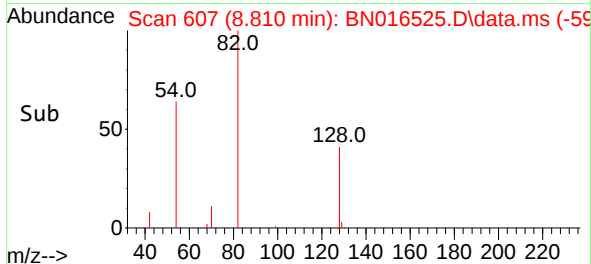
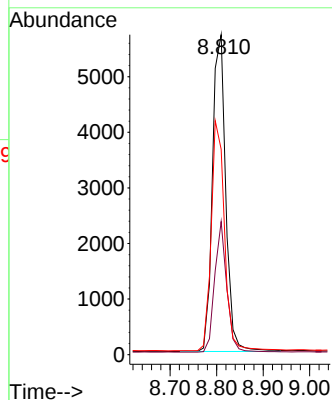
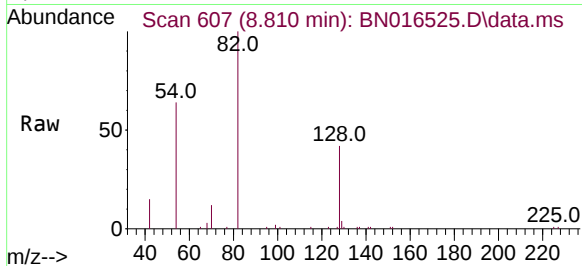




#8
Nitrobenzene-d5
Concen: 0.760 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

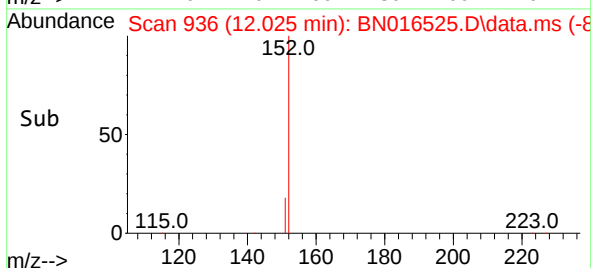
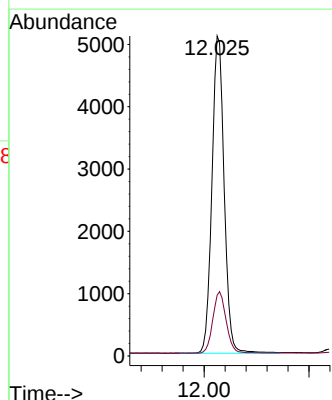
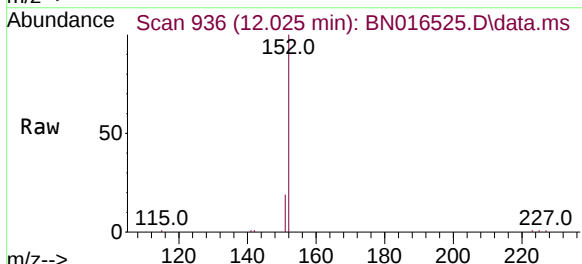
Instrument :
BNA_N
ClientSampleId :

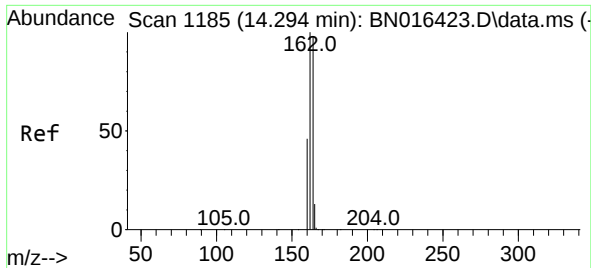
Tgt Ion: 82 Resp: 11319
Ion Ratio Lower Upper
82 100
128 41.6 31.7 47.5
54 64.2 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion: 152 Resp: 8212
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1

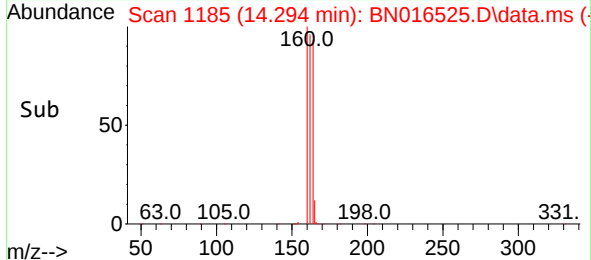
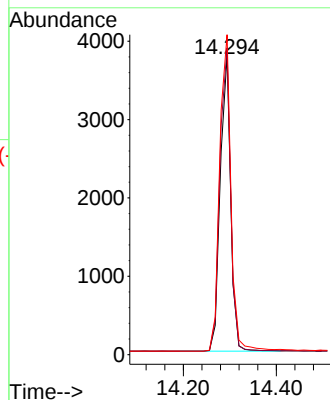
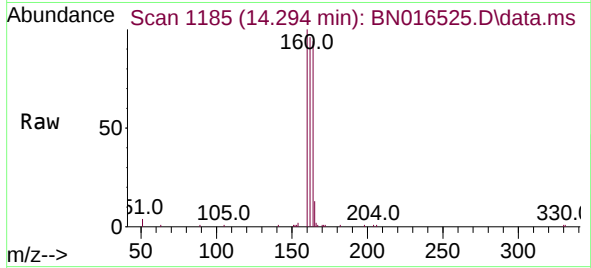




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

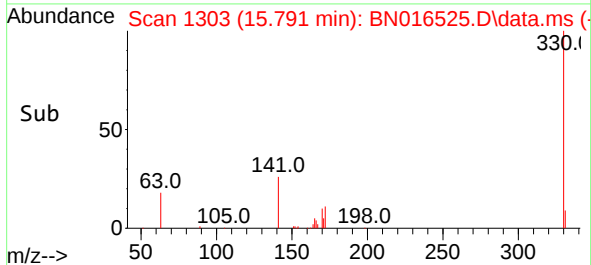
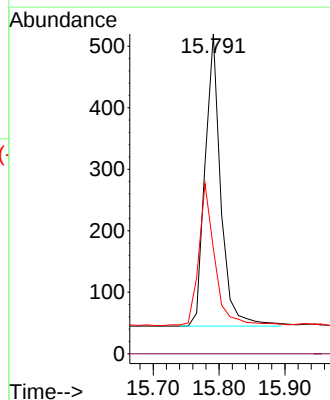
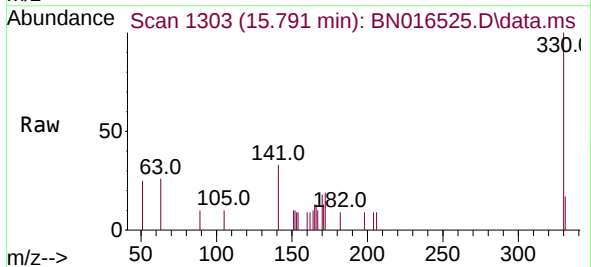
Instrument :
BNA_N
ClientSampleId :

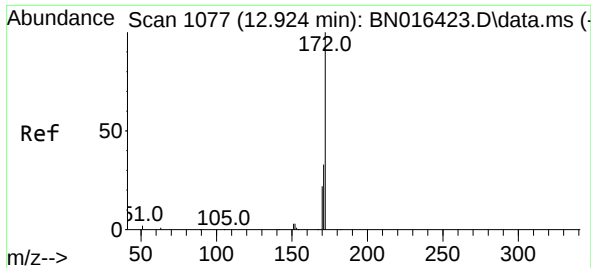
Tgt Ion:164 Resp: 5840
Ion Ratio Lower Upper
164 100
162 102.5 79.0 118.4
160 106.9 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.488 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:330 Resp: 789
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.6 25.0 37.4#

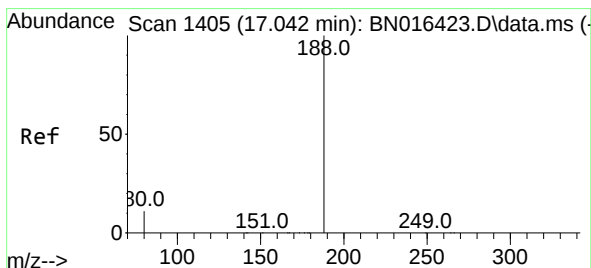
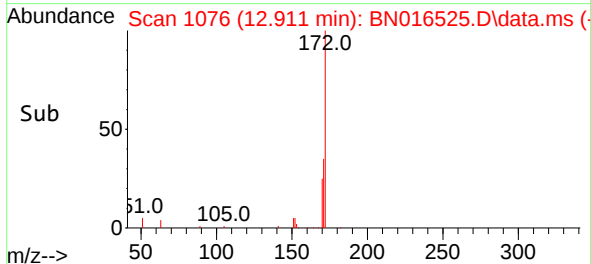
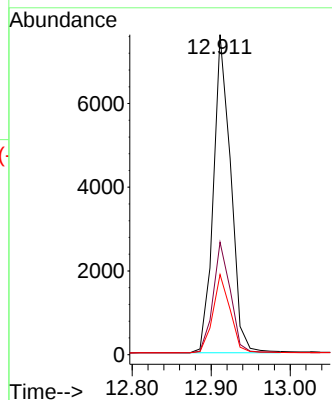
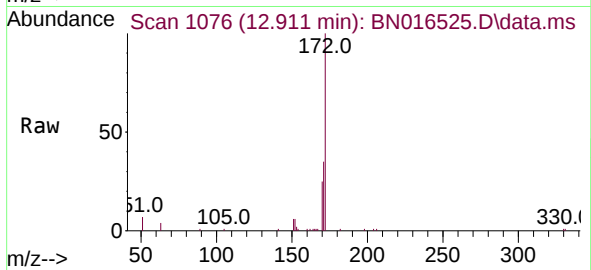




#15
2-Fluorobiphenyl
Concen: 0.473 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

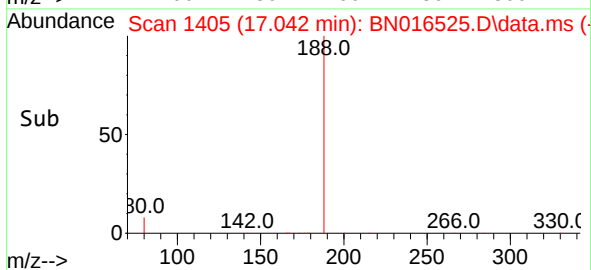
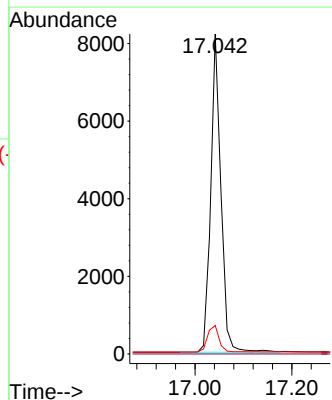
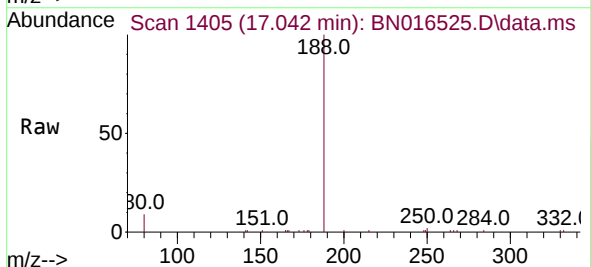
Instrument :
BNA_N
ClientSampleId :

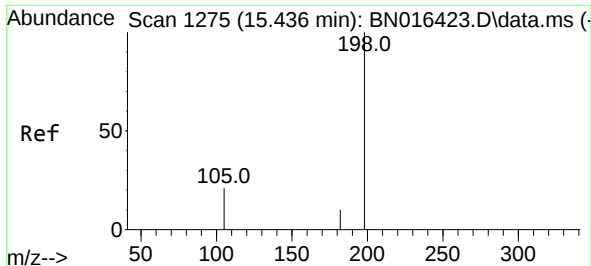
Tgt Ion:172	Resp:	11595
Ion Ratio	Lower	Upper
172	100	
171	35.2	27.8 41.6
170	25.0	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:188	Resp:	12000
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.9	7.0 10.6

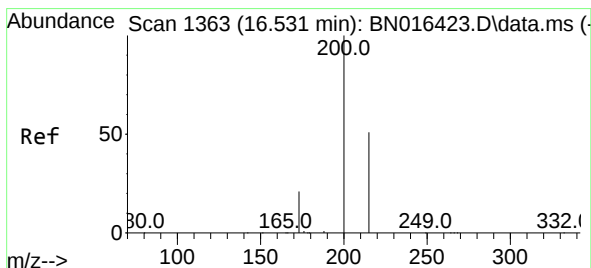
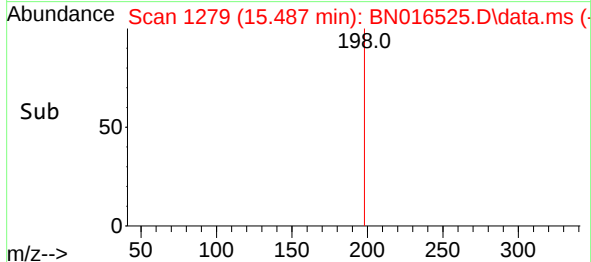
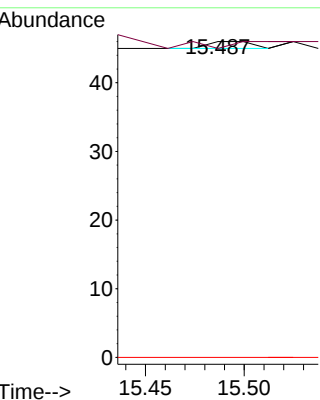
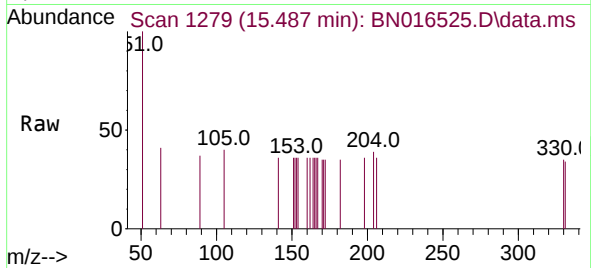




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.051 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

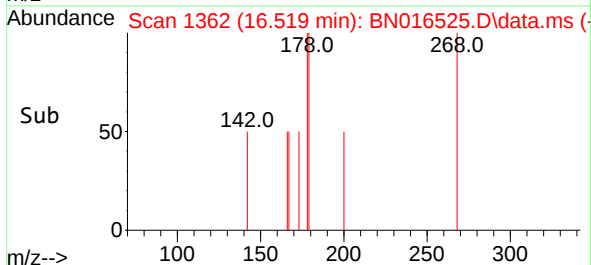
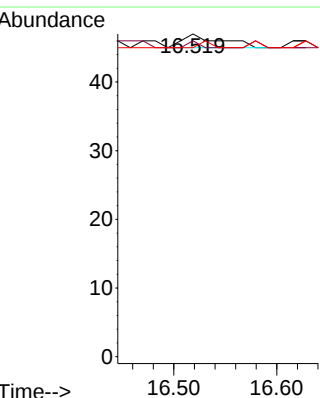
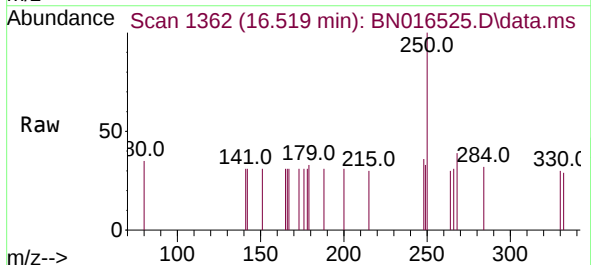
Instrument :
BNA_N
ClientSampled :

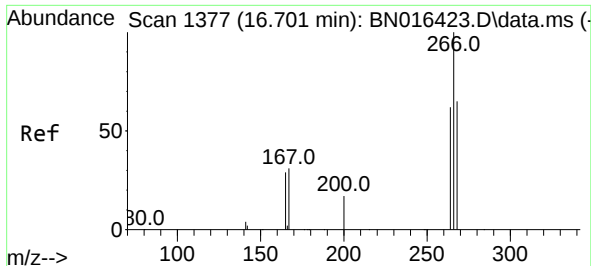
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 97.8 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:200 Resp: 5
Ion Ratio Lower Upper
200 100
173 97.9 18.7 28.1#
215 95.7 41.6 62.4#

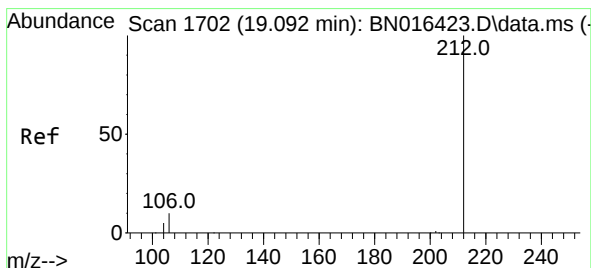
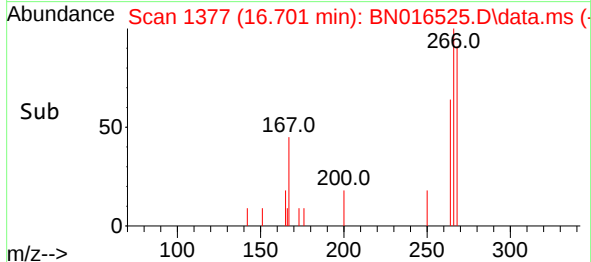
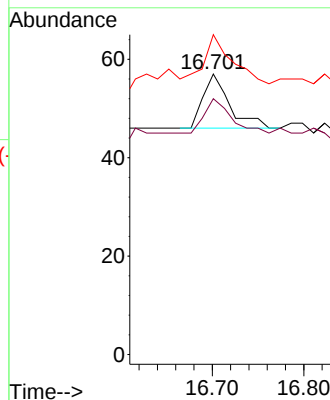
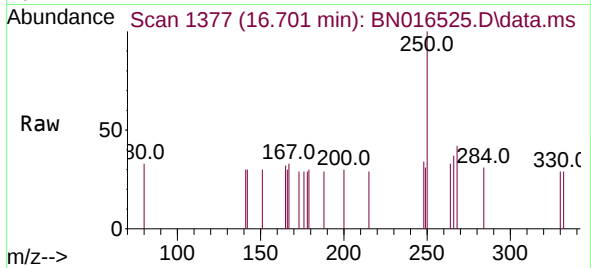




#24
Pentachlorophenol
Concen: 0.251 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

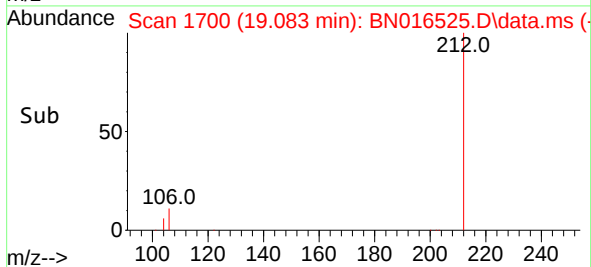
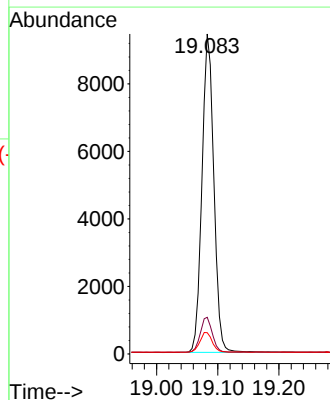
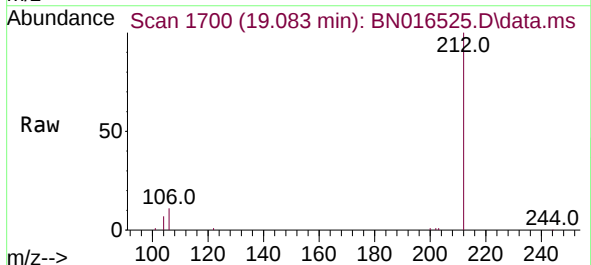
Instrument :
BNA_N
ClientSampleId :

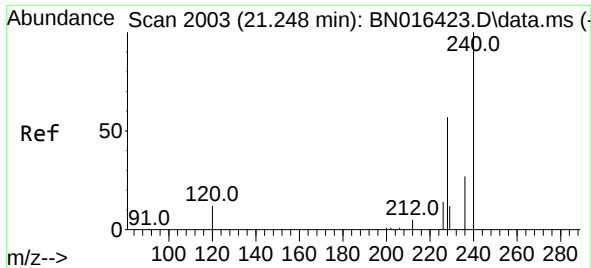
Tgt Ion:266	Resp:	22
Ion Ratio	Lower	Upper
266	100	
264	68.2	50.6 75.8
268	95.5	52.6 79.0#



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:212	Resp:	12700
Ion Ratio	Lower	Upper
212	100	
106	11.1	9.8 14.6
104	6.4	5.4 8.2

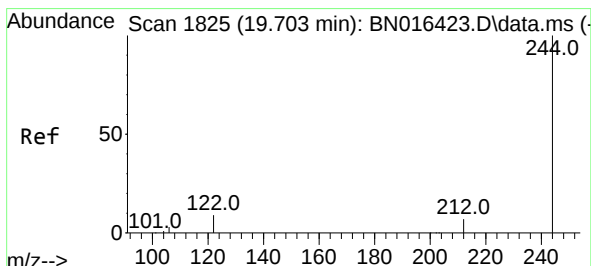
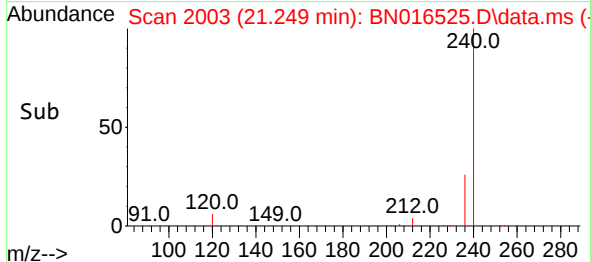
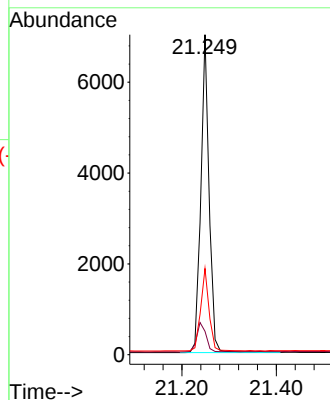
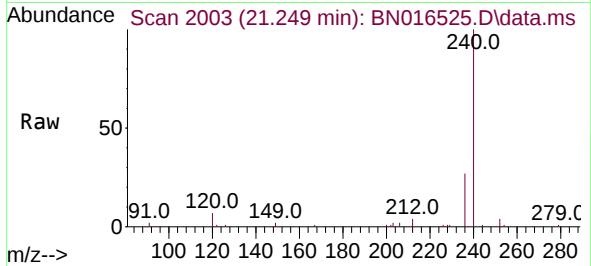




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

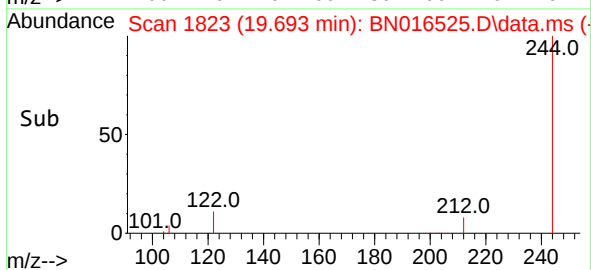
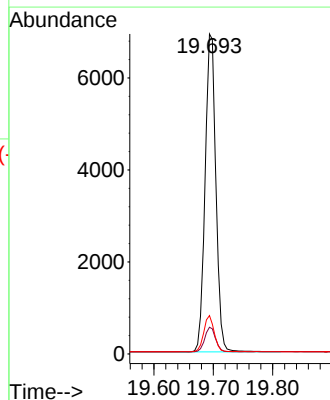
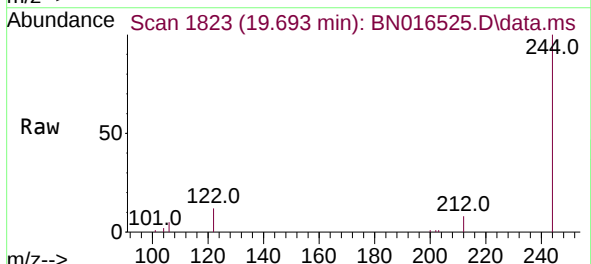
Instrument :
BNA_N
ClientSampleId :

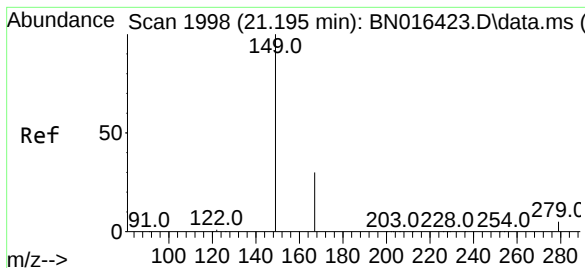
Tgt Ion:240 Resp: 8519
Ion Ratio Lower Upper
240 100
120 7.3 5.3 7.9
236 27.0 19.8 29.8



#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.010 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:244 Resp: 8722
Ion Ratio Lower Upper
244 100
212 8.4 5.5 8.3#
122 12.0 9.0 13.4

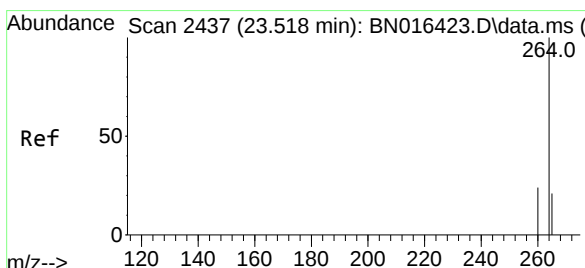
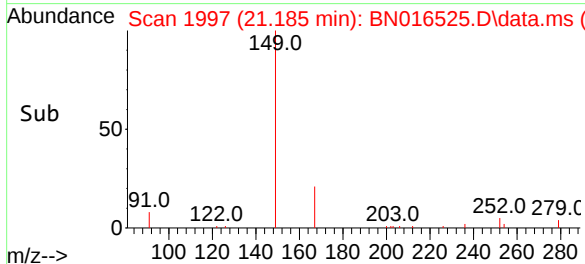
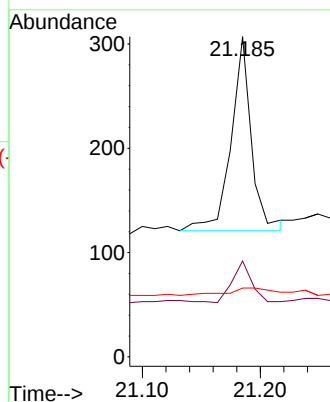
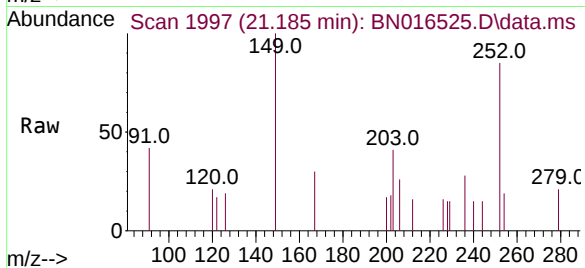




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.033 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 223
Ion Ratio Lower Upper
149 100
167 18.8 23.4 35.0#
279 10.8 3.9 5.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.508 min Scan# 2434
Delta R.T. -0.010 min
Lab File: BN016525.D
Acq: 27 Sep 2021 00:50

Tgt Ion:264 Resp: 9768
Ion Ratio Lower Upper
264 100
260 25.3 18.9 28.3
265 27.5 23.7 35.5

