

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016397.D
 Acq On : 22 Sep 2021 05:25
 Operator : CG/JU
 Sample : M3781-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916

Quant Time: Sep 22 05:55:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

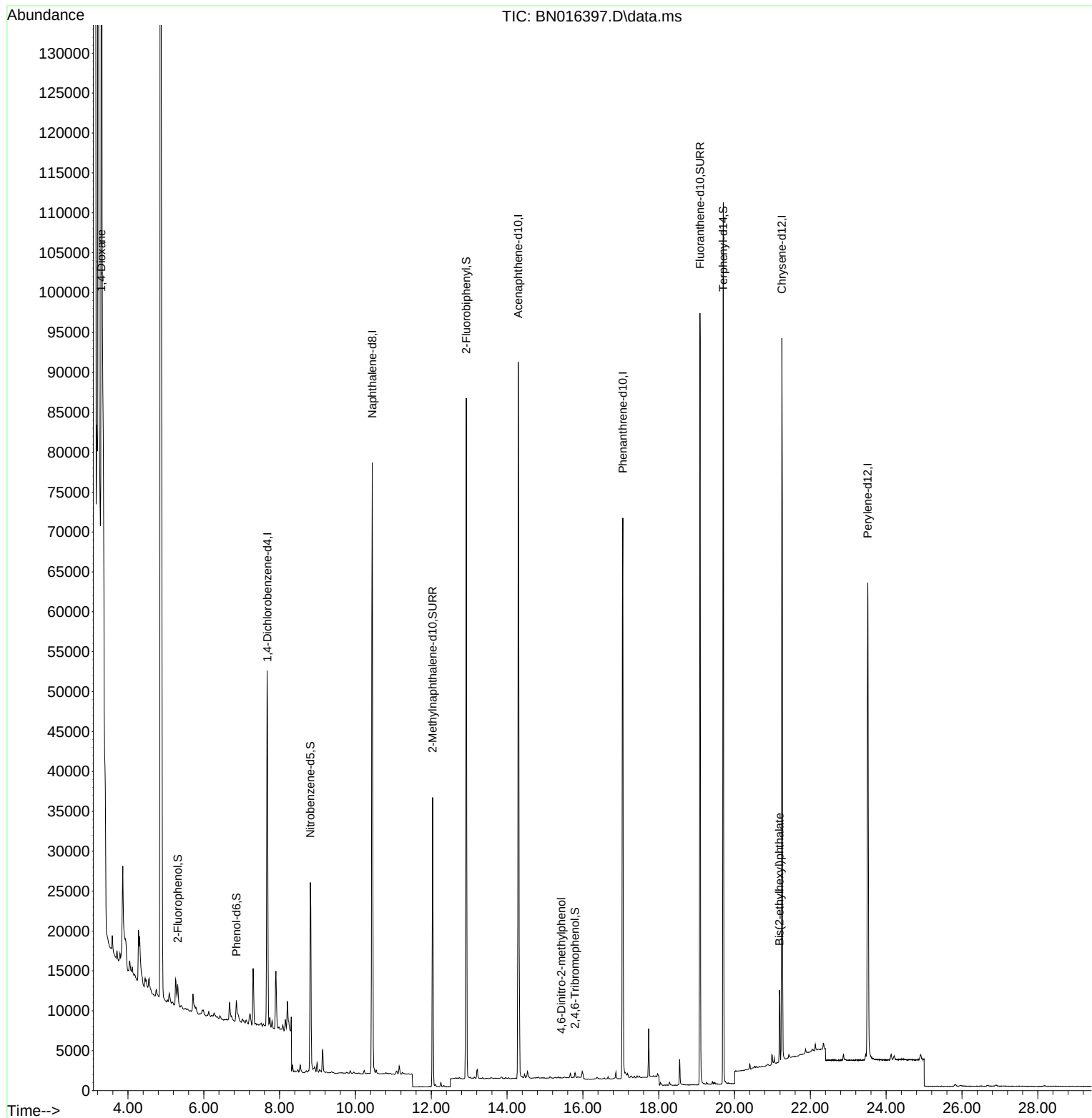
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	23287	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	102938	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	53499	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	103844	0.400	ng	# 0.00
29) Chrysene-d12	21.248	240	89994	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	80466	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2555	0.044	ng	0.04
5) Phenol-d6	6.858	99	2057	0.029	ng	0.00
8) Nitrobenzene-d5	8.810	82	19933	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	48646	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	456	0.029	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	70259	0.336	ng	0.00
27) Fluoranthene-d10	19.088	212	111420	0.371	ng	0.00
31) Terphenyl-d14	19.703	244	112658	0.540	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	87862	9.073	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.436	198	7	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	9559	0.061	ng	98

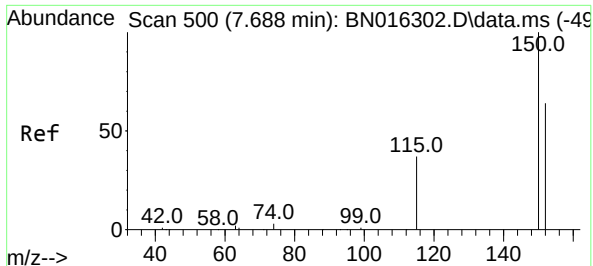
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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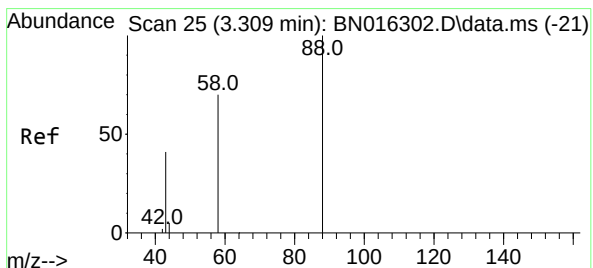
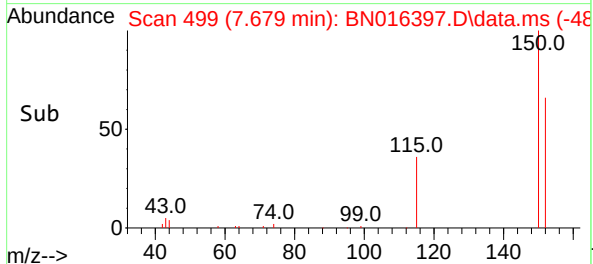
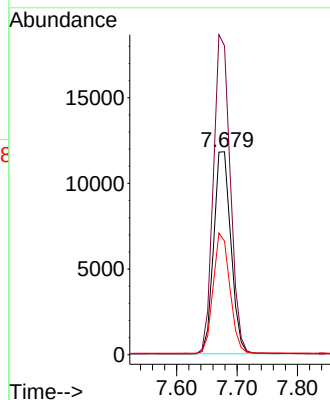
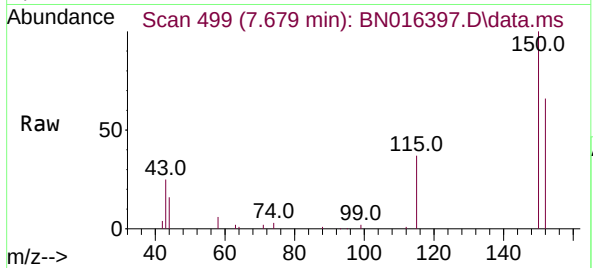




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. 0.009 min
 Lab File: BN016397.D
 Acq: 22 Sep 2021 05:25

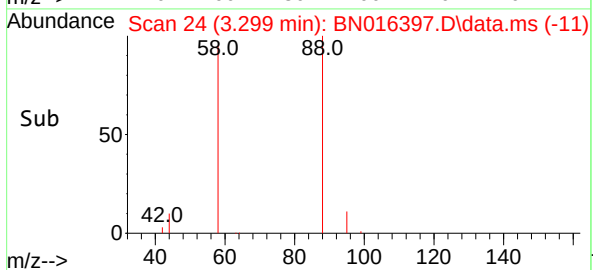
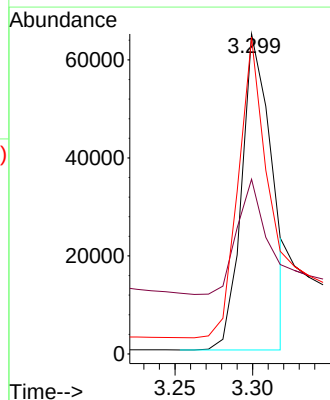
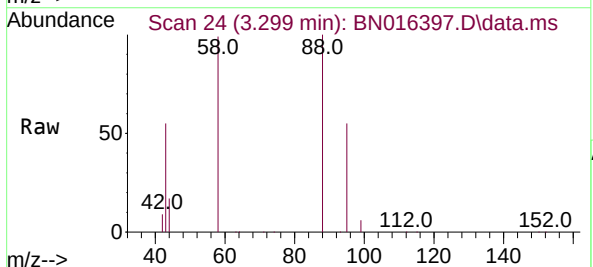
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916

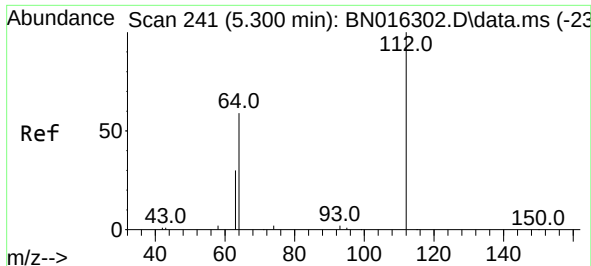
Tgt Ion:152 Resp: 23287
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.6 188.4
 115 55.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: 9.073 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: BN016397.D
 Acq: 22 Sep 2021 05:25

Tgt Ion: 88 Resp: 87862
 Ion Ratio Lower Upper
 88 100
 43 35.6 20.3 30.5#
 58 92.6 69.9 104.9

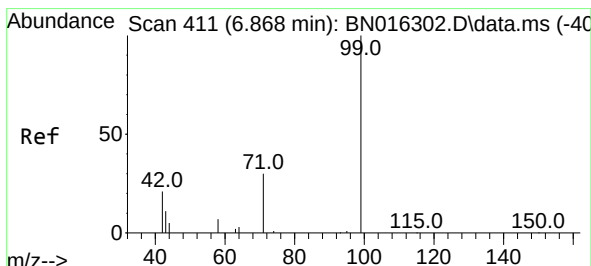
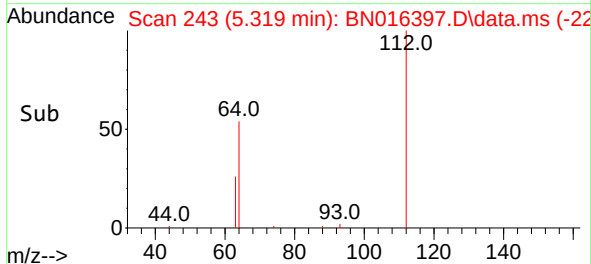
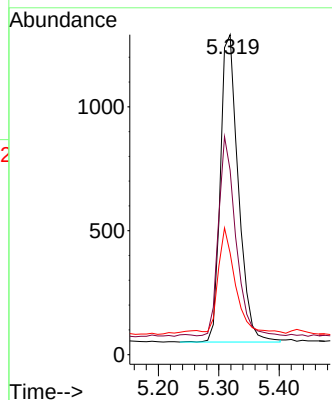
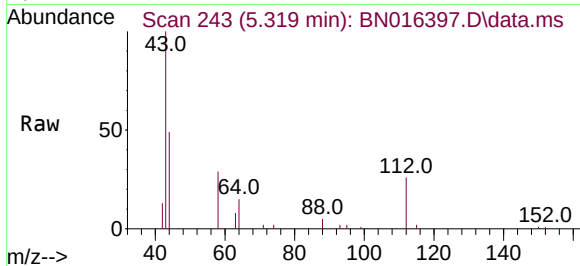




#4
2-Fluorophenol
Concen: 0.044 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.037 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

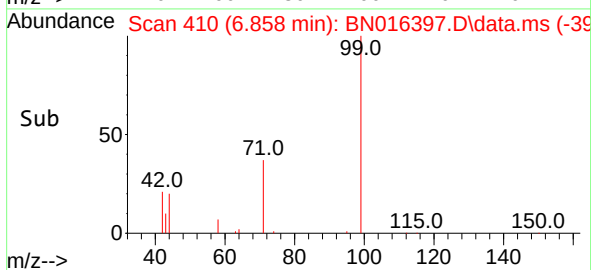
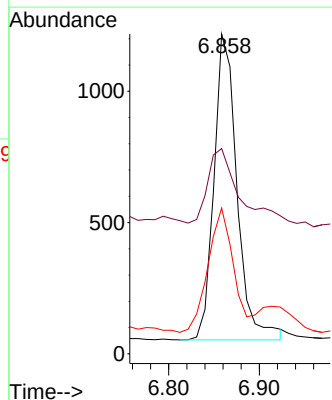
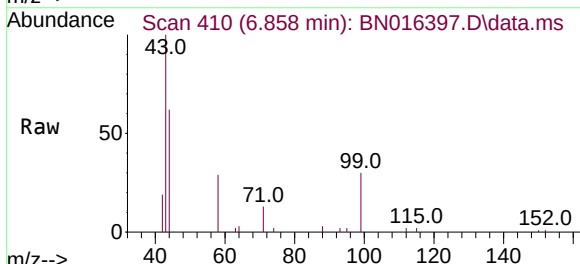
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916

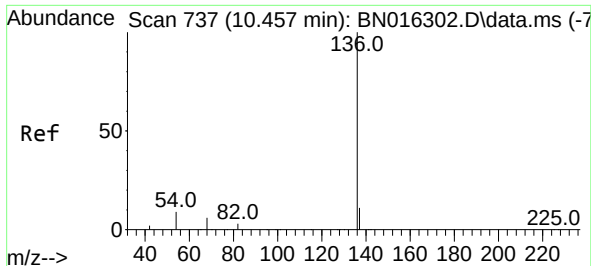
Tgt Ion:	112	Resp:	2555
Ion Ratio	100	Lower	Upper
64	62.2	47.3	70.9
63	31.4	23.4	35.0



#5
Phenol-d6
Concen: 0.029 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion:	99	Resp:	2057
Ion Ratio	100	Lower	Upper
42	32.2	14.0	21.0#
71	46.1	23.8	35.6#

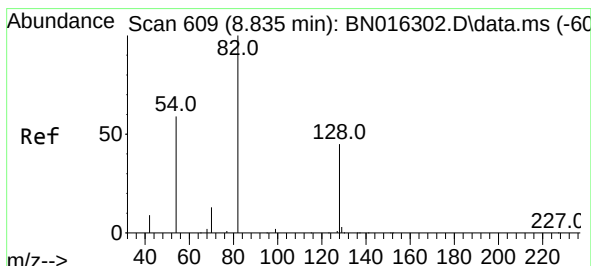
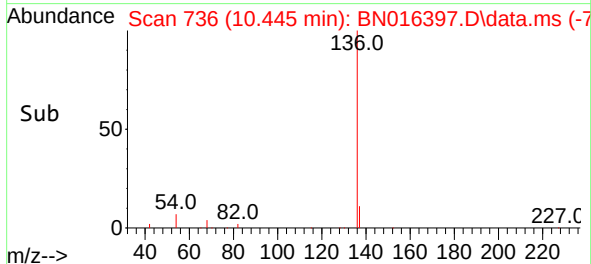
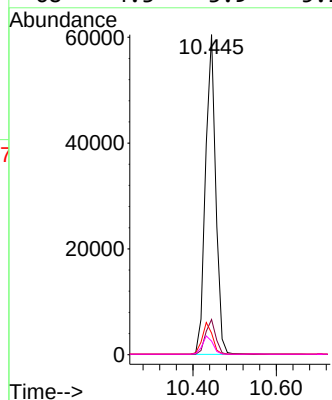
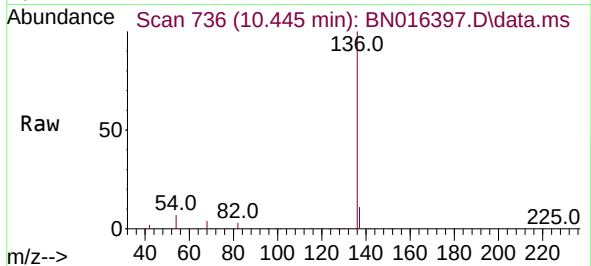




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

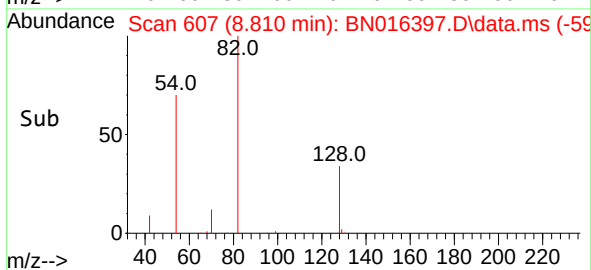
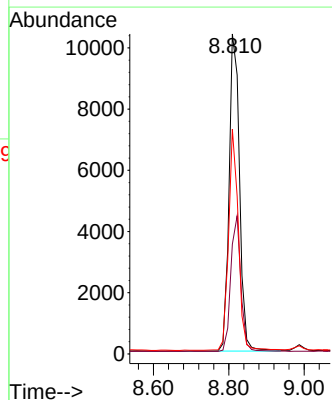
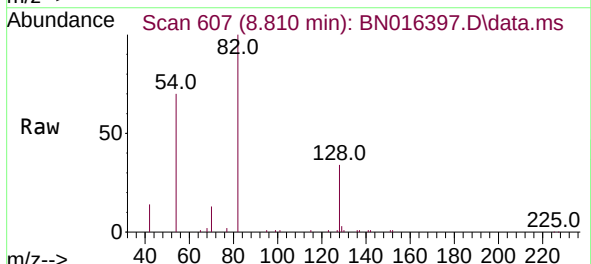
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916

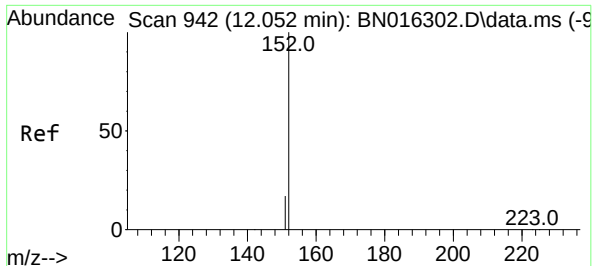
Tgt Ion:136	Resp:	102938
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.8	5.3 7.9
68	4.3	3.9 5.9



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion: 82	Resp:	19933
Ion Ratio	Lower	Upper
82	100	
128	34.3	31.7 47.5
54	70.2	46.4 69.6#

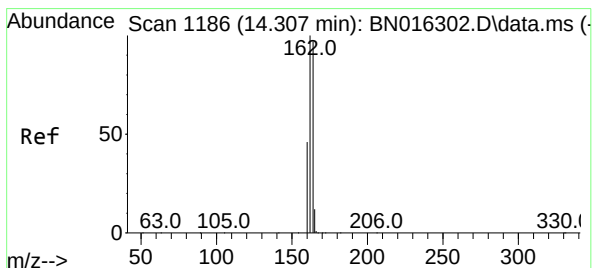
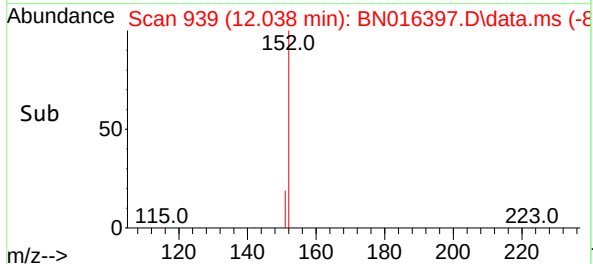
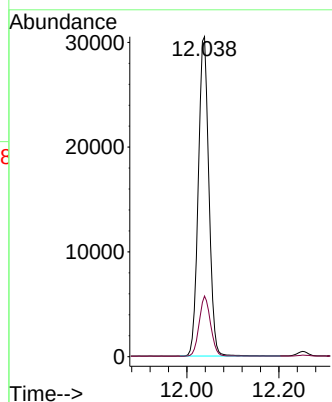
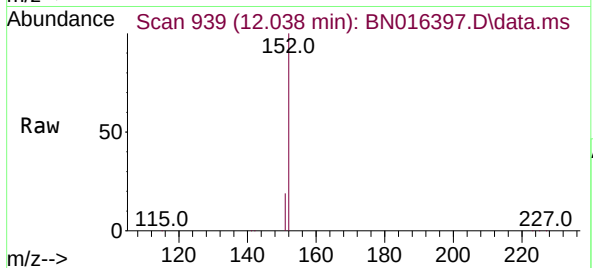




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

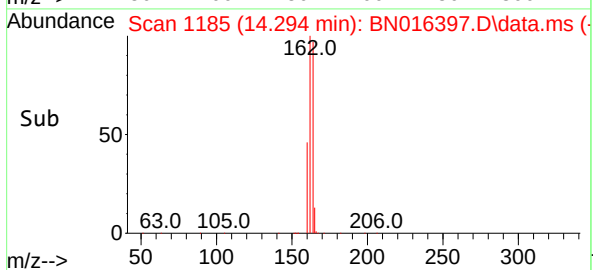
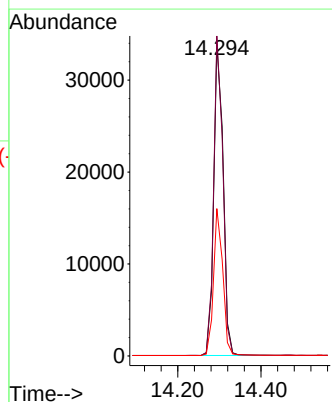
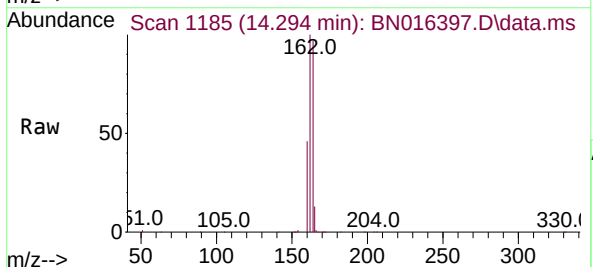
Instrument :
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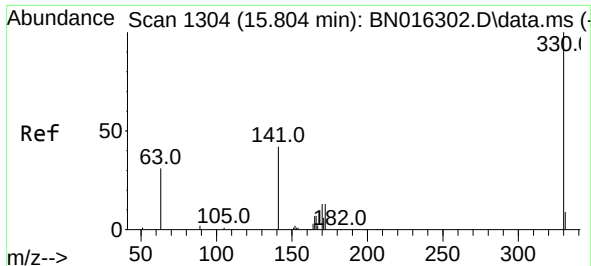
Tgt Ion:152 Resp: 48646
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion:164 Resp: 53499
Ion Ratio Lower Upper
164 100
162 102.7 79.0 118.4
160 47.3 34.1 51.1

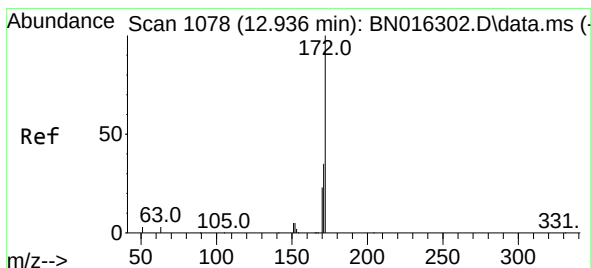
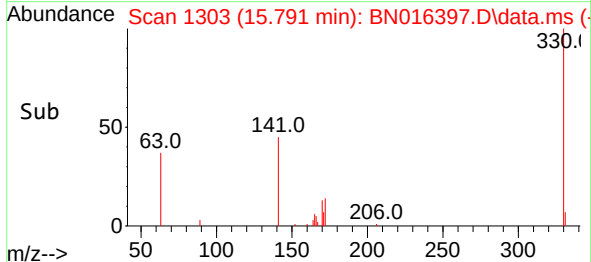
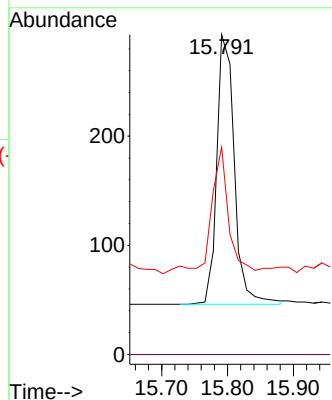
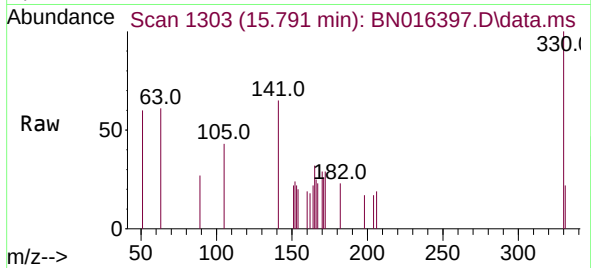




#14
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

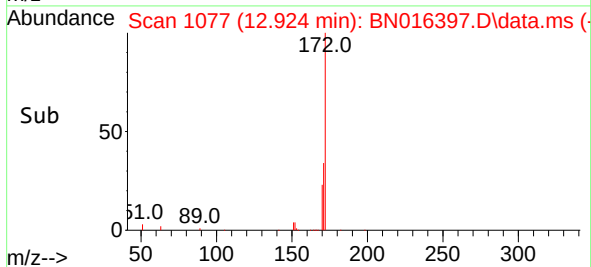
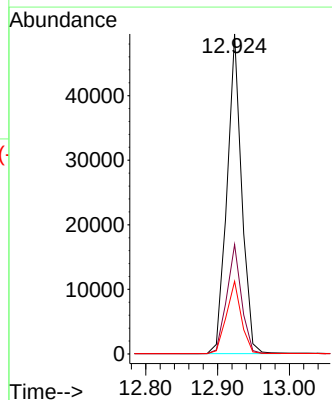
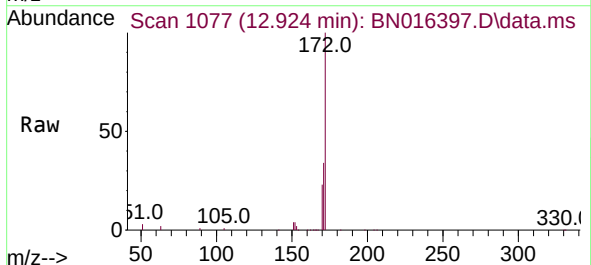
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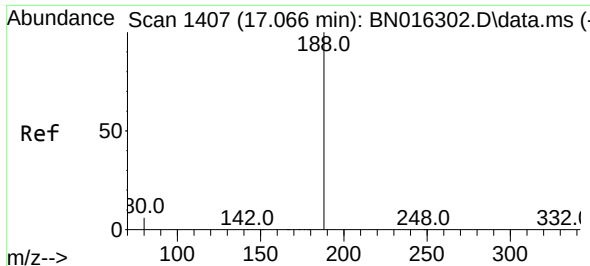
Tgt Ion:330 Resp: 456
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion:172 Resp: 70259
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.7 18.2 27.2

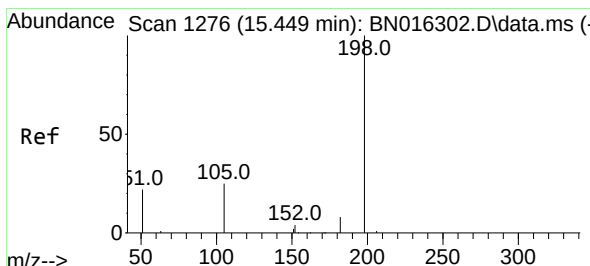
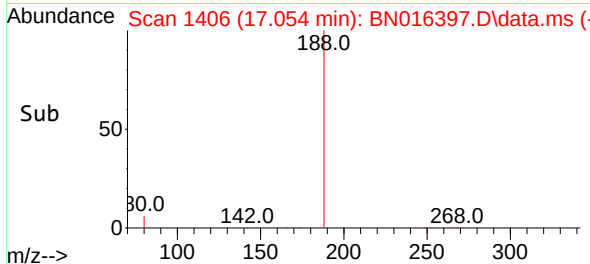
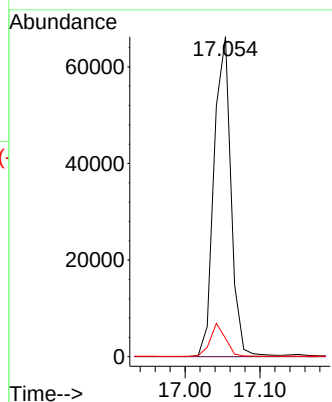
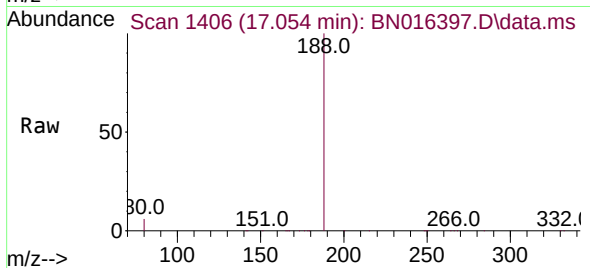




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

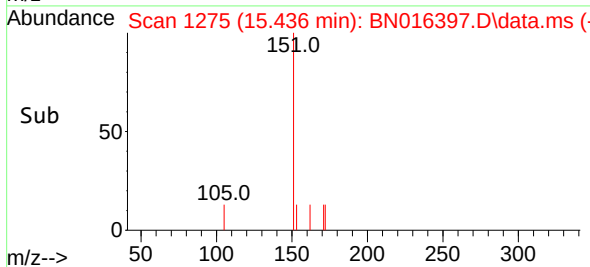
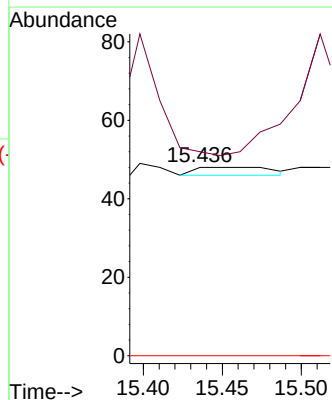
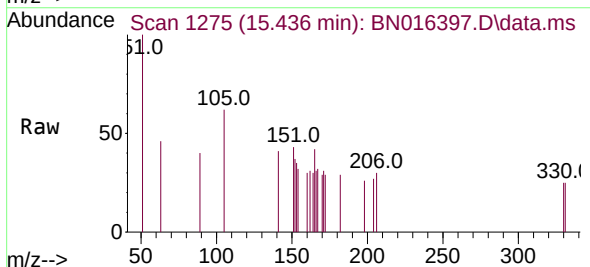
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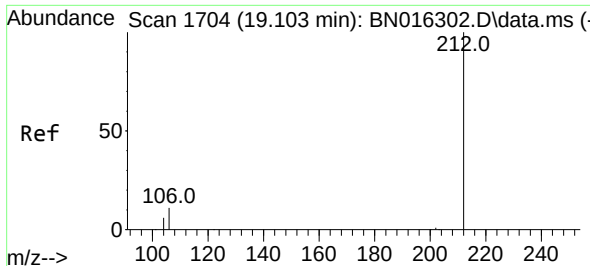
Tgt Ion:188 Resp: 103844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 108.3 26.6 39.8#
77 0.0 0.0 0.0

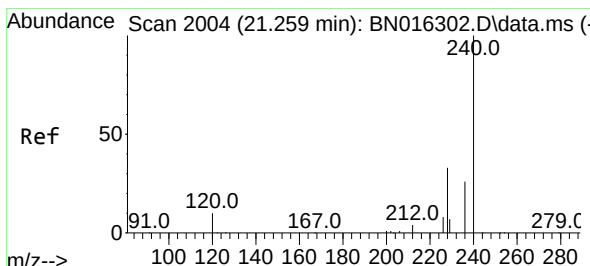
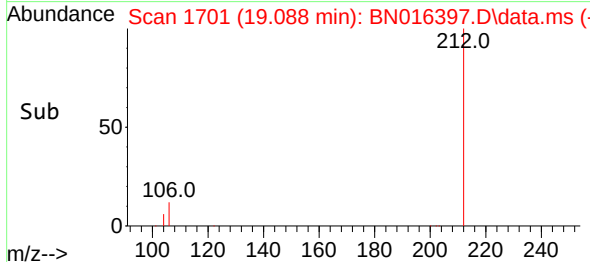
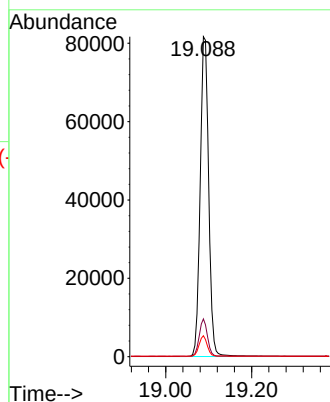
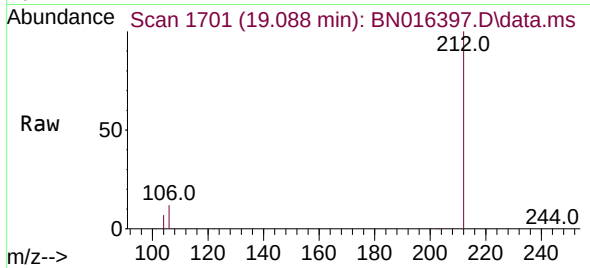




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

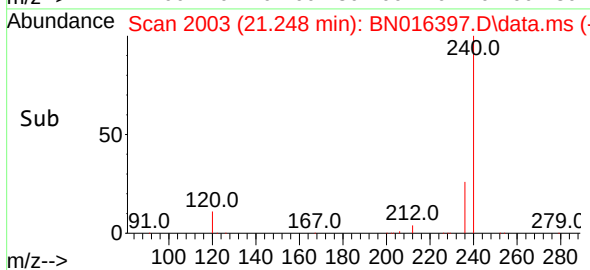
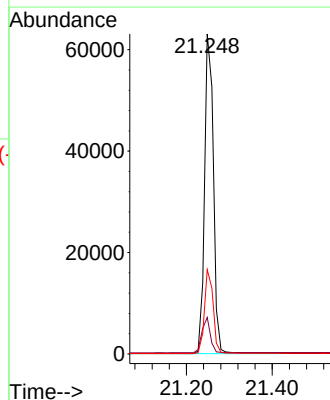
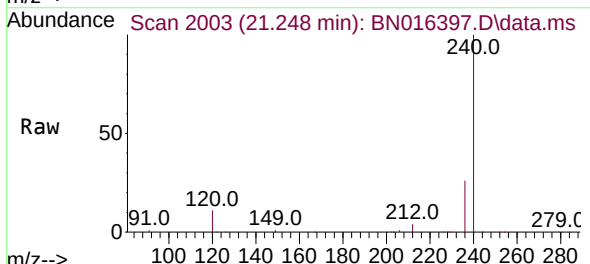
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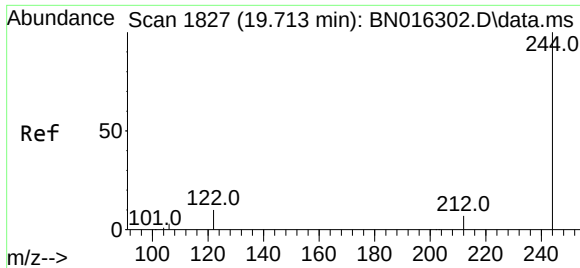
Tgt Ion:212 Resp: 111420
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016397.D
Acq: 22 Sep 2021 05:25

Tgt Ion:240 Resp: 89994
Ion Ratio Lower Upper
240 100
120 11.4 5.3 7.9#
236 26.4 19.8 29.8

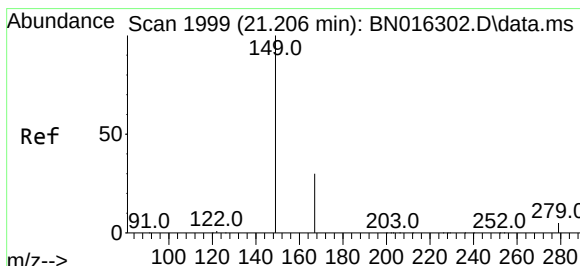
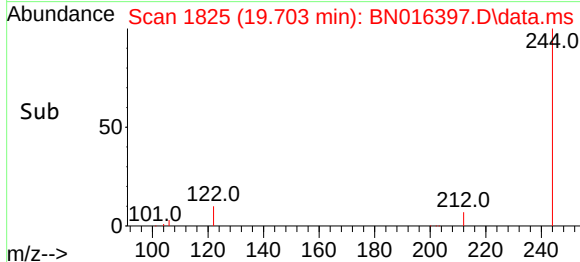
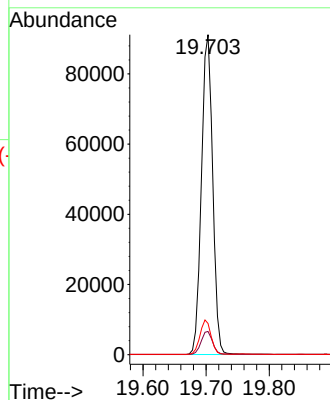
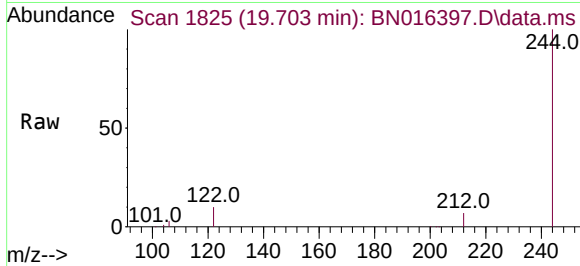




#31
 Terphenyl-d14
 Concen: 0.540 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016397.D
 Acq: 22 Sep 2021 05:25

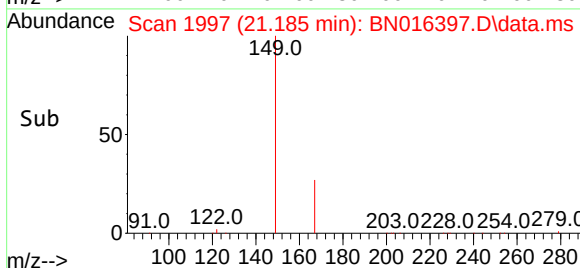
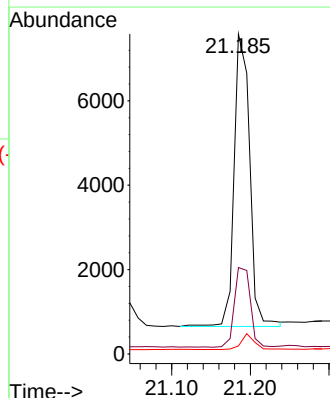
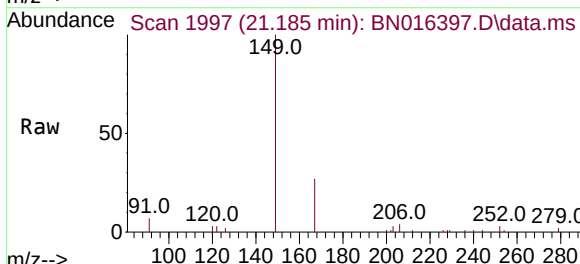
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916

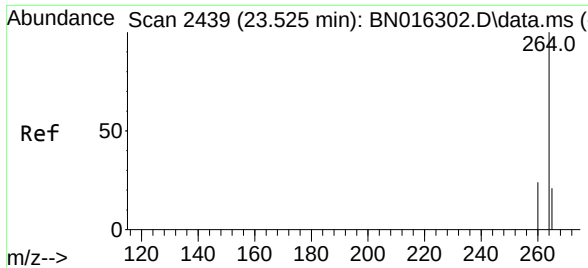
Tgt Ion:244	Resp:	112658
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.5 8.3
122	9.7	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016397.D
 Acq: 22 Sep 2021 05:25

Tgt Ion:149	Resp:	9559
Ion Ratio	Lower	Upper
149	100	
167	27.9	23.4 35.0
279	4.4	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.007 min
 Lab File: BN016397.D
 Acq: 22 Sep 2021 05:25

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916

Tgt Ion:264	Resp:	80466
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.9 28.3
265	26.7	23.7 35.5

