

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014997.D
 Acq On : 23 Jun 2021 08:08
 Operator : CG/JU
 Sample : M2750-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20210615

Quant Time: Jun 23 09:11:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 17 01:26:44 2021
 Response via : Initial Calibration

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

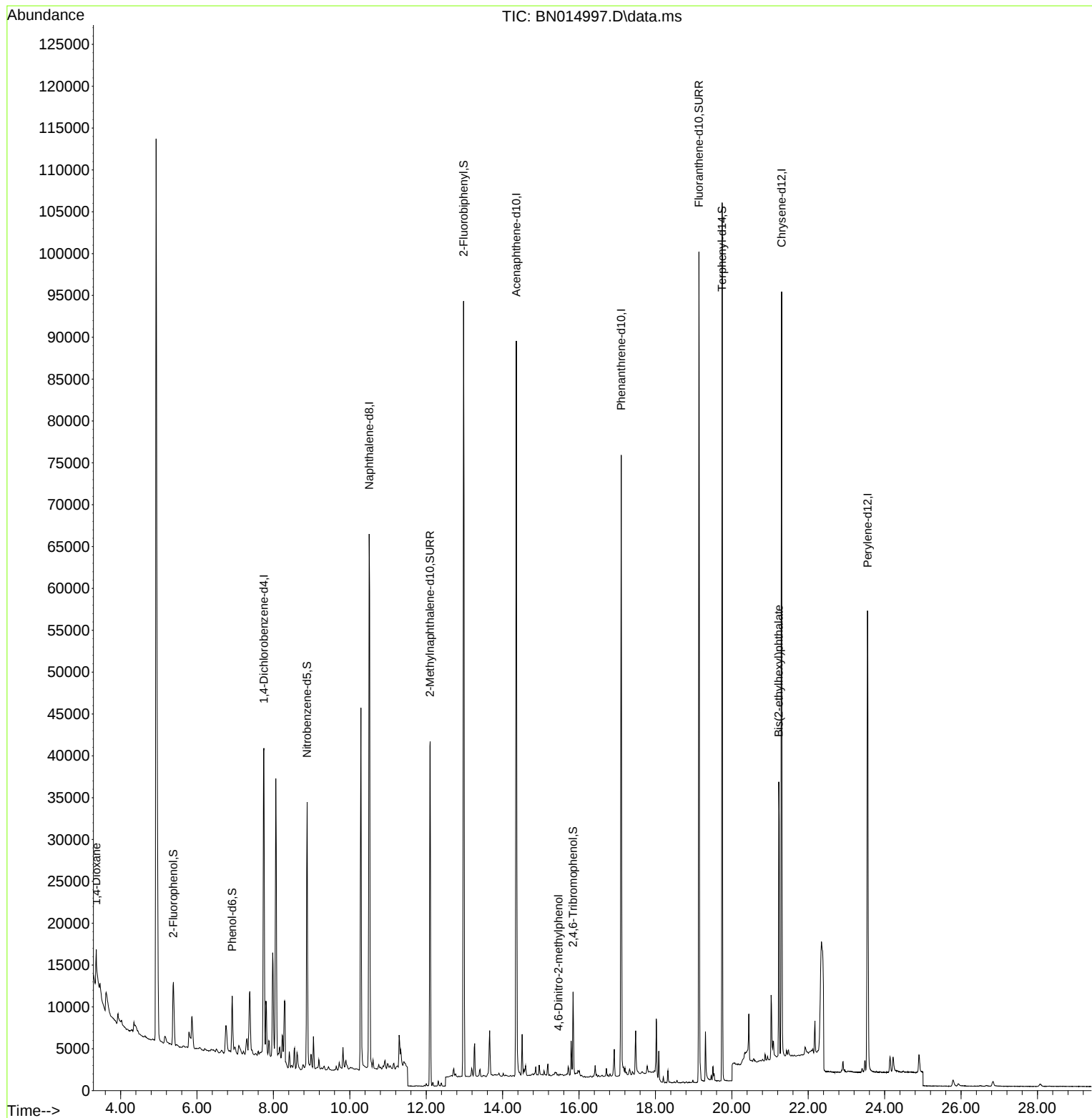
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20558	0.40	ng	#-0.01
7) Naphthalene-d8	10.505	136	91613	0.40	ng	#-0.02
13) Acenaphthene-d10	14.359	164	49712	0.40	ng	-0.01
19) Phenanthrene-d10	17.104	188	93825	0.40	ng	#-0.01
29) Chrysene-d12	21.303	240	83893	0.40	ng	#-0.02
35) Perylene-d12	23.554	264	72384	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9784	0.15	ng	0.00
5) Phenol-d6	6.920	99	6705	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	26855	0.39	ng	-0.02
11) 2-Methylnaphthalene-d10	12.102	152	54813	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	7623	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.976	172	82821	0.44	ng	-0.02
27) Fluoranthene-d10	19.138	212	105726	0.36	ng	-0.02
31) Terphenyl-d14	19.744	244	100424	0.48	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.361	88	5396	0.63	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.462	198	14	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.229	149	33440	0.15	ng	# 87

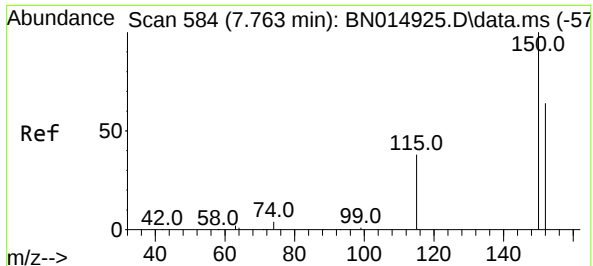
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

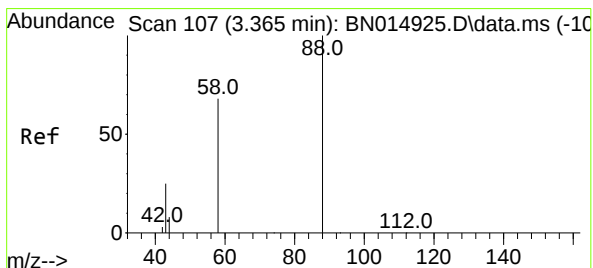
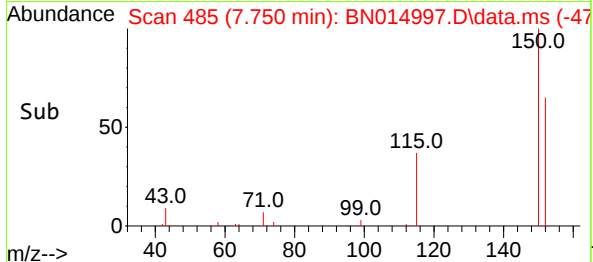
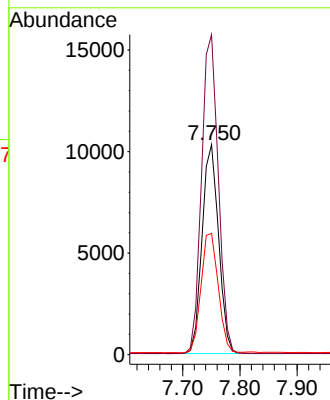
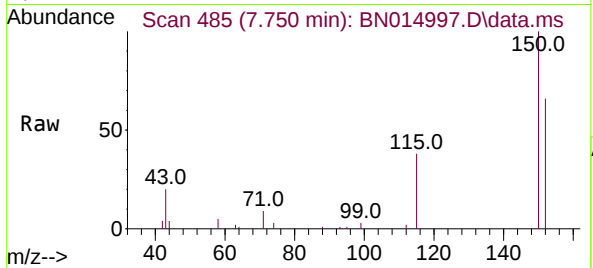




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

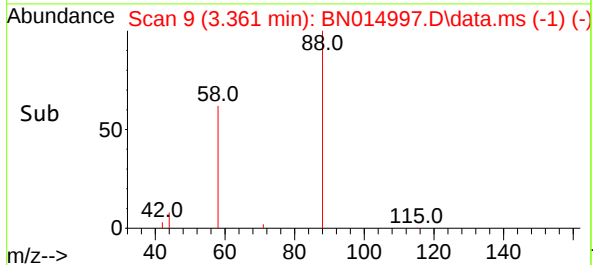
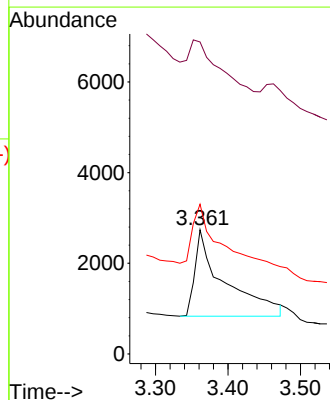
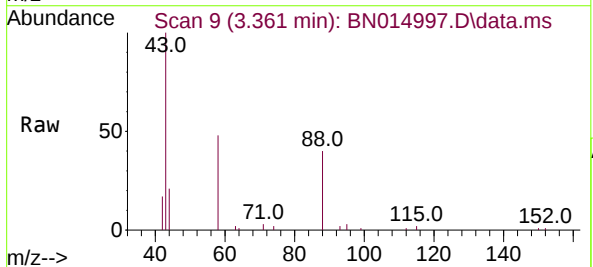
Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20210615

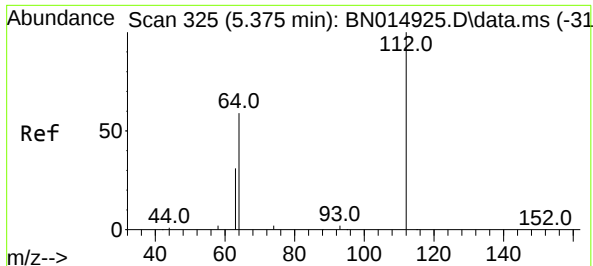
Tgt Ion: 152 Resp: 20558
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.0 178.6
 115 57.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.63 ng
 RT: 3.361 min Scan# 9
 Delta R.T. -0.003 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

Tgt Ion: 88 Resp: 5396
 Ion Ratio Lower Upper
 88 100
 43 59.7 12.9 19.3#
 58 62.8 38.1 57.1#

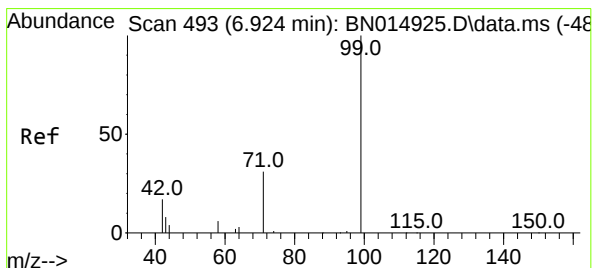
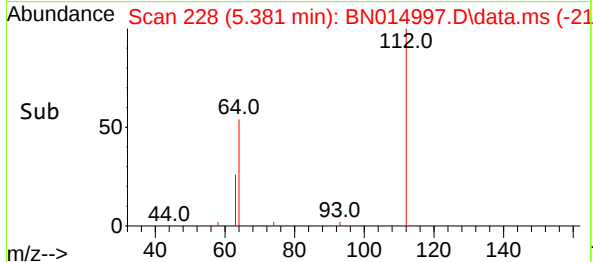
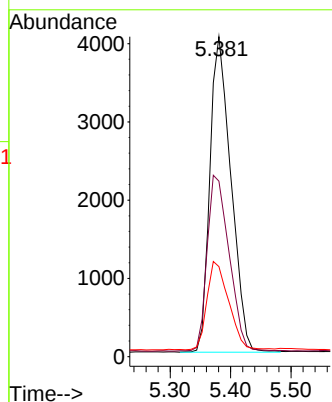
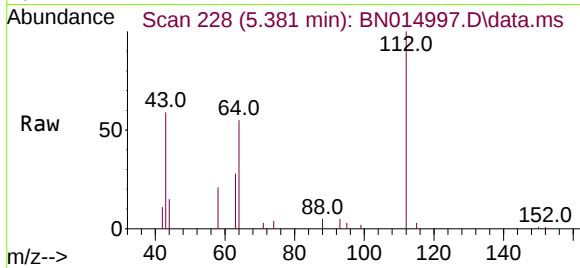




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

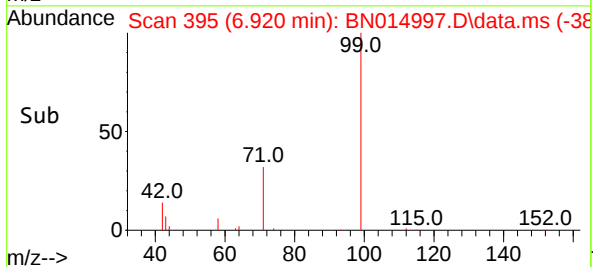
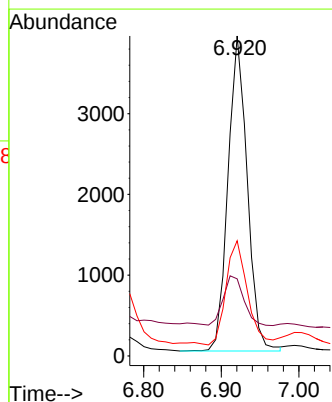
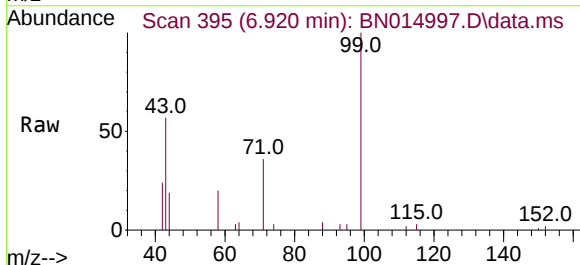
Instrument :
BNA_N
ClientSampleId :
RE135D1-20210615

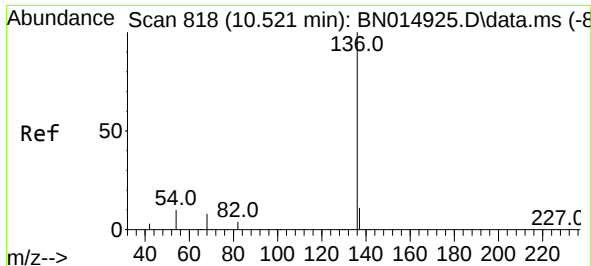
Tgt Ion:112 Resp: 9784
Ion Ratio Lower Upper
112 100
64 57.9 39.0 58.6
63 28.7 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.003 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Tgt Ion: 99 Resp: 6705
Ion Ratio Lower Upper
99 100
42 16.7 8.9 13.3#
71 36.8 35.6 53.4

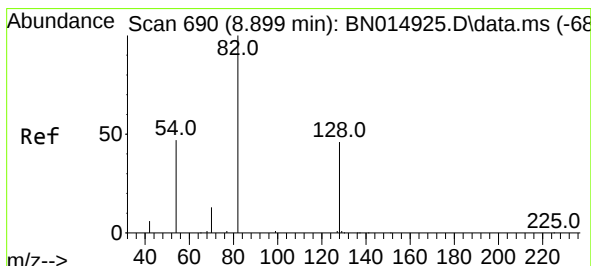
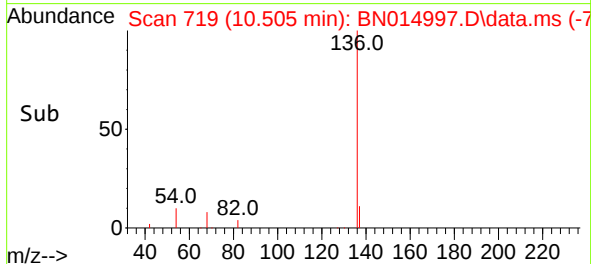
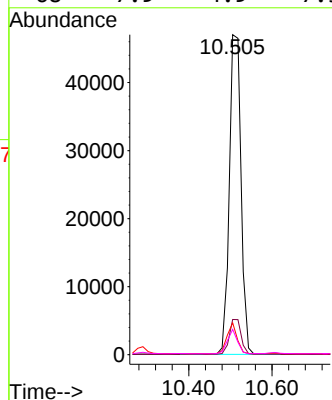
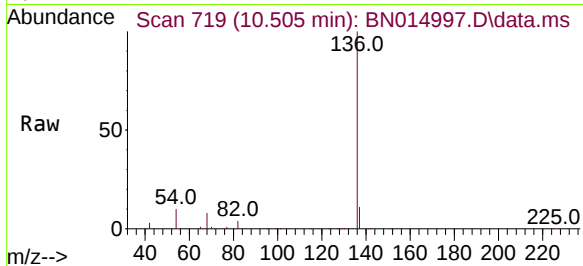




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.016 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

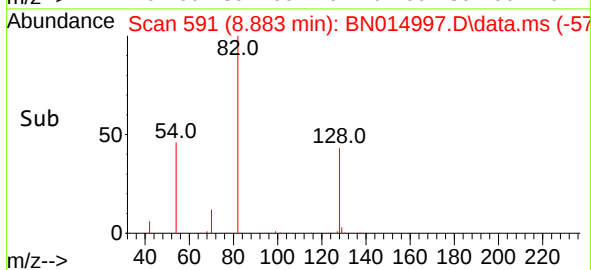
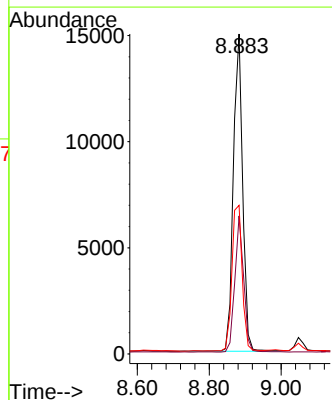
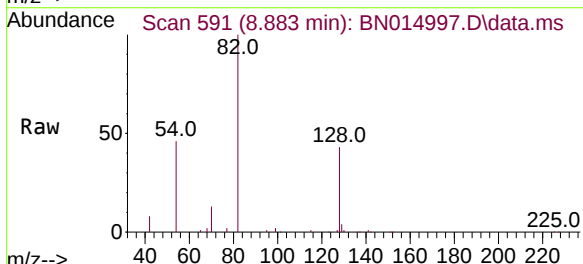
Instrument :
BNA_N
ClientSampleId :
RE135D1-20210615

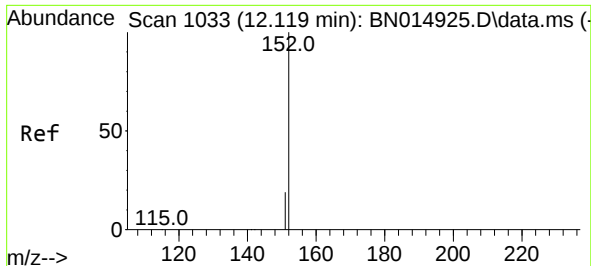
Tgt Ion:	136	Resp:	91613
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	9.9	5.4	8.2#
68	7.9	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Tgt Ion:	82	Resp:	26855
Ion Ratio	Lower	Upper	
82	100		
128	43.1	31.6	47.4
54	46.4	29.0	43.4#

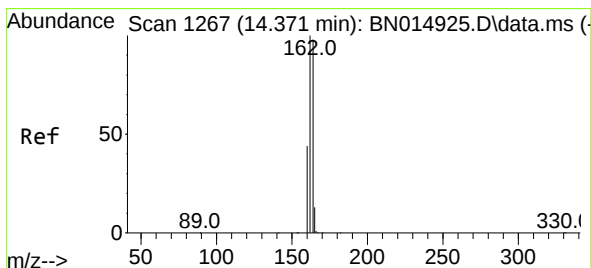
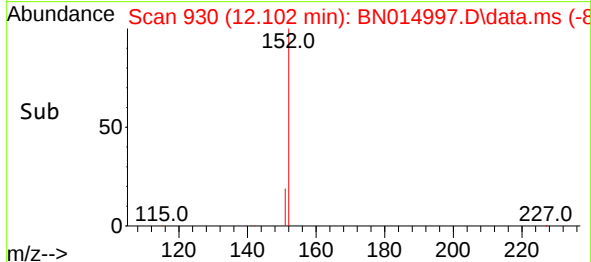
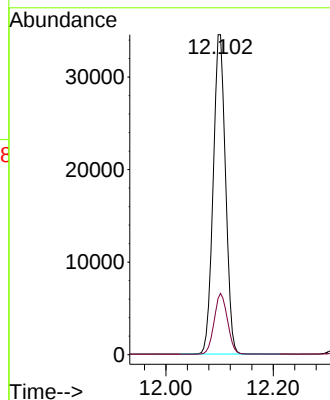
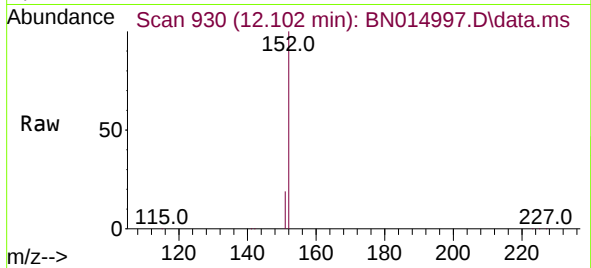




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.102 min Scan# 930
Delta R.T. -0.017 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

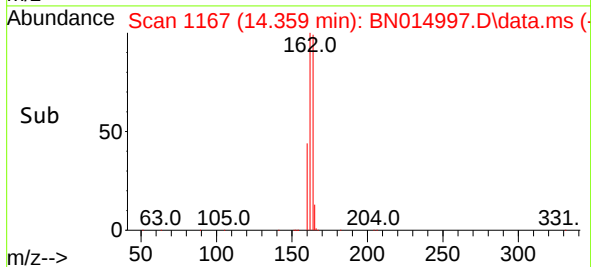
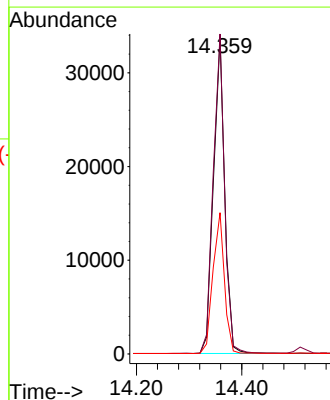
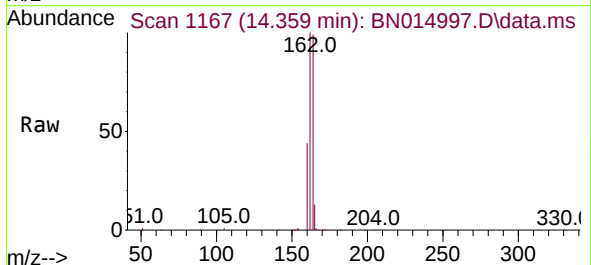
Instrument :
BNA_N
ClientSampleId :
RE135D1-20210615

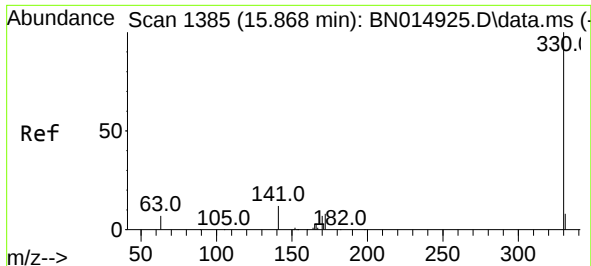
Tgt Ion:152 Resp: 54813
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Tgt Ion:164 Resp: 49712
Ion Ratio Lower Upper
164 100
162 101.1 83.8 125.6
160 44.6 37.4 56.0

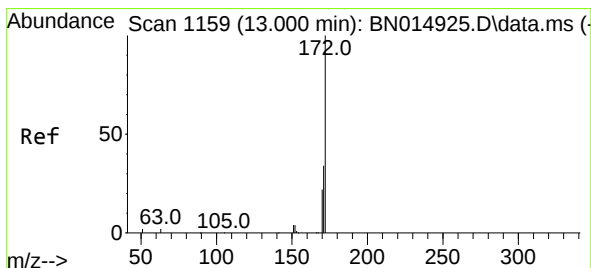
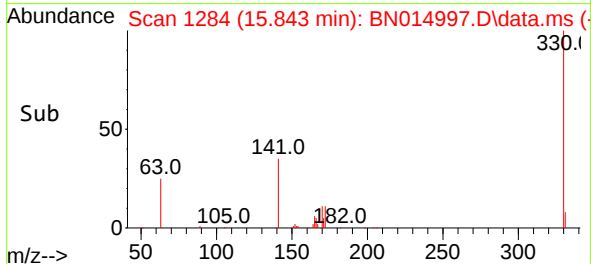
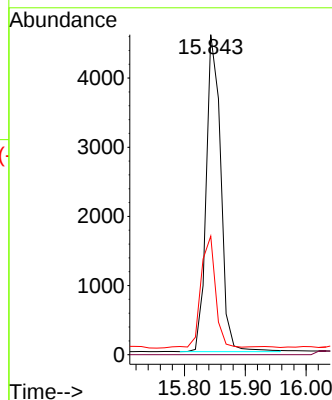
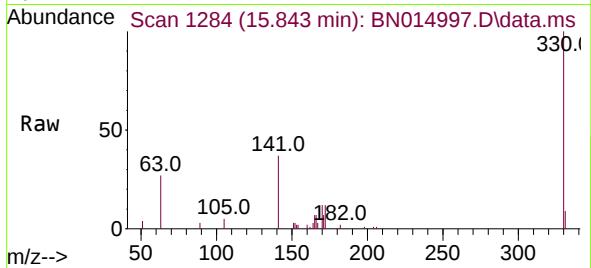




#14
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 15.843 min Scan# 1284
 Delta R.T. -0.025 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

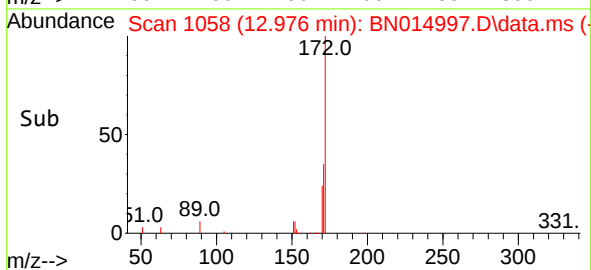
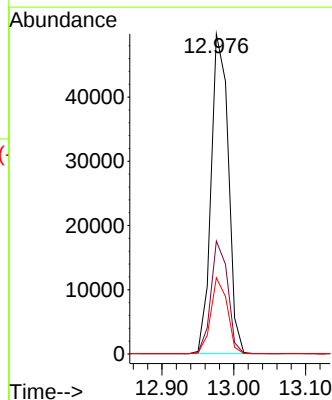
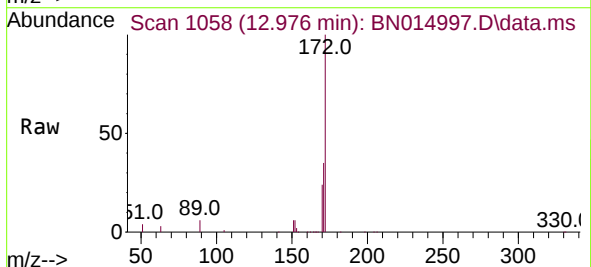
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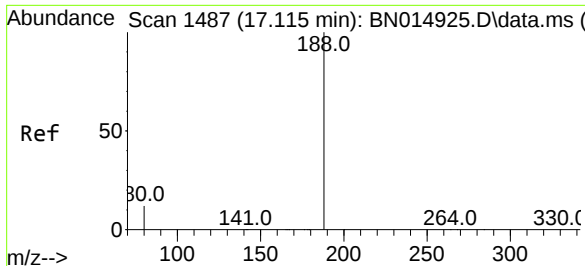
Tgt Ion: 330 Resp: 7623
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.5 22.4 33.6#



#15
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 12.976 min Scan# 1058
 Delta R.T. -0.025 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

Tgt Ion: 172 Resp: 82821
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.6 45.8
 170 23.8 20.2 30.4

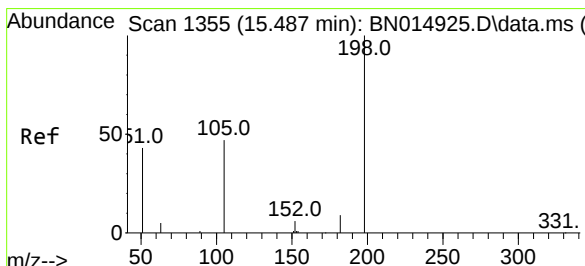
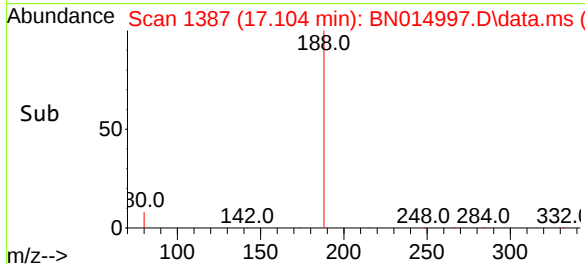
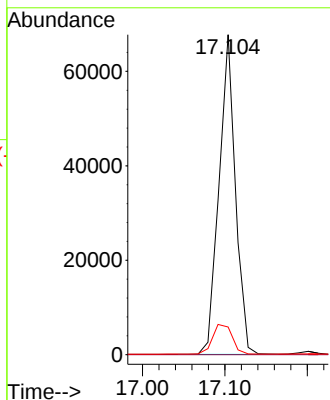
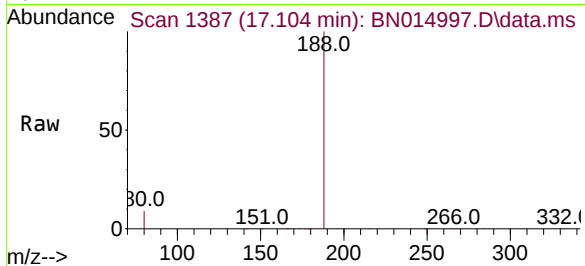




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

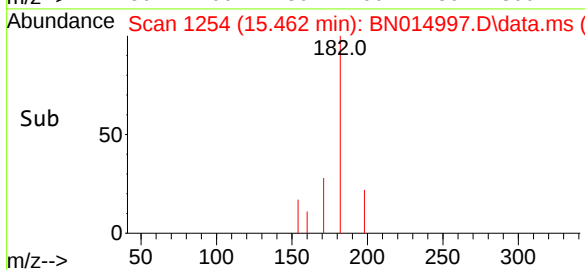
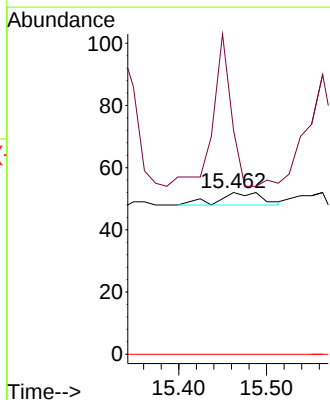
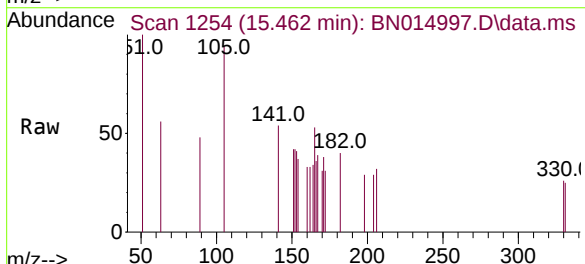
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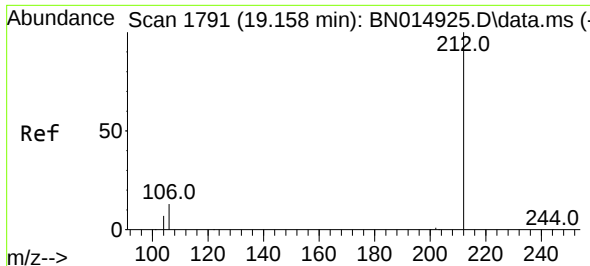
Tgt Ion:188 Resp: 93825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.462 min Scan# 1254
Delta R.T. -0.025 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 138.5 34.5 51.7#
77 0.0 0.0 0.0

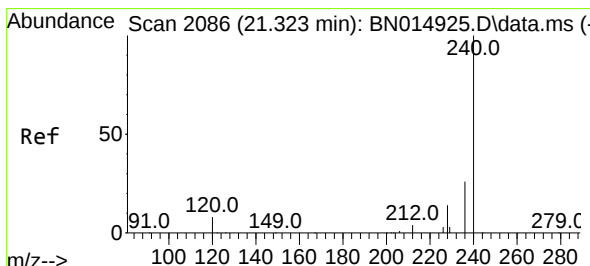
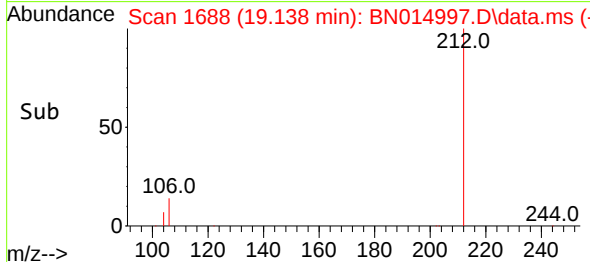
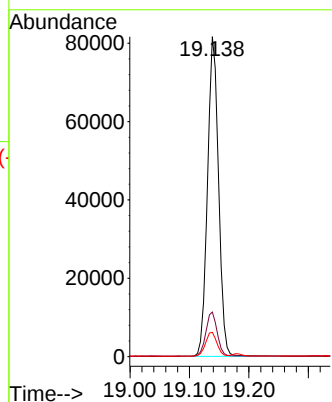
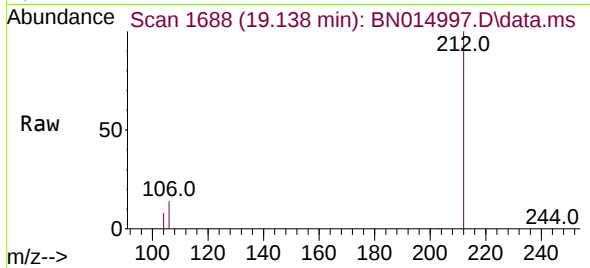




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.019 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

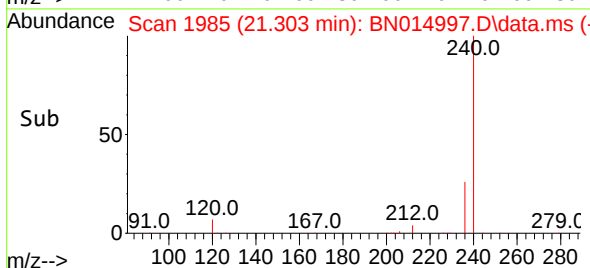
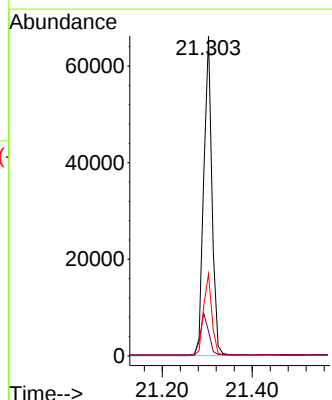
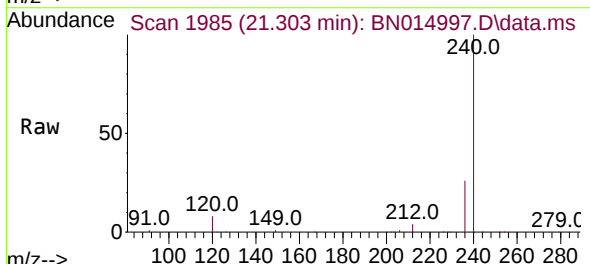
Instrument :
BNA_N
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RE135D1-20210615

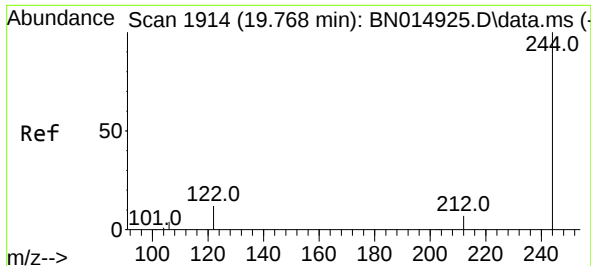
Tgt Ion:212 Resp: 105726
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.6 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Tgt Ion:240 Resp: 83893
Ion Ratio Lower Upper
240 100
120 7.7 4.2 6.4#
236 25.7 21.4 32.2

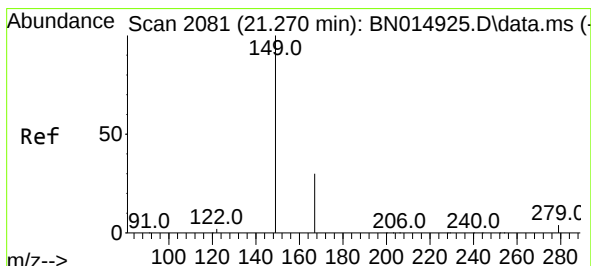
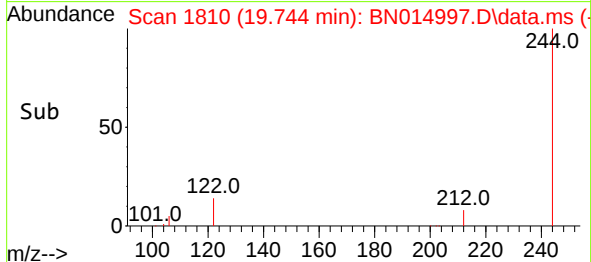
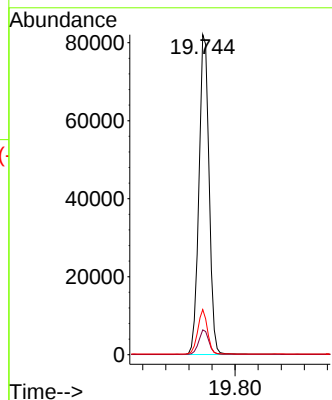
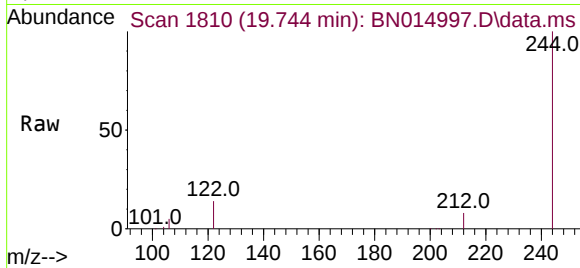




#31
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.744 min Scan# 1810
 Delta R.T. -0.024 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

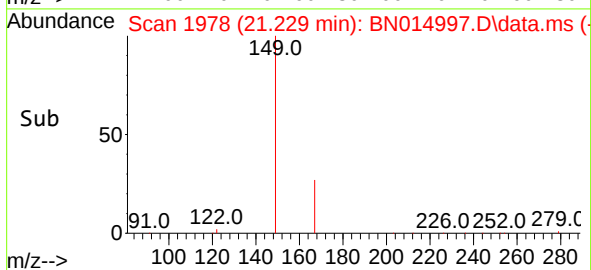
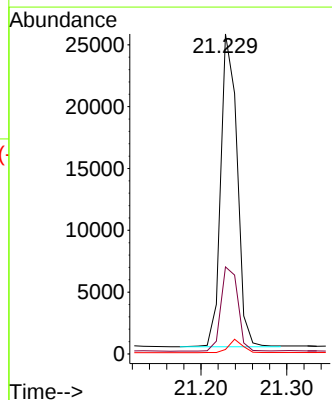
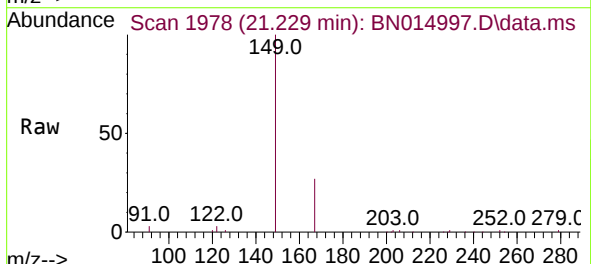
Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20210615

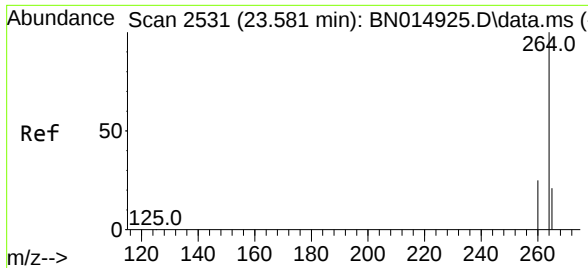
Tgt Ion:244 Resp: 100424
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 14.1 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.229 min Scan# 1978
 Delta R.T. -0.042 min
 Lab File: BN014997.D
 Acq: 23 Jun 2021 08:08

Tgt Ion:149 Resp: 33440
 Ion Ratio Lower Upper
 149 100
 167 27.7 28.9 43.3#
 279 3.7 4.9 7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.554 min Scan# 2424
Delta R.T. -0.027 min
Lab File: BN014997.D
Acq: 23 Jun 2021 08:08

Instrument :
BNA_N
ClientSampleId :
RE135D1-20210615

Tgt Ion:264 Resp: 72384

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	23.8	21.4	32.2

