

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016808.D
 Acq On : 07 Oct 2021 11:11
 Operator : CG/JU
 Sample : M3915-04DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20210921DL

Quant Time: Oct 07 11:50:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

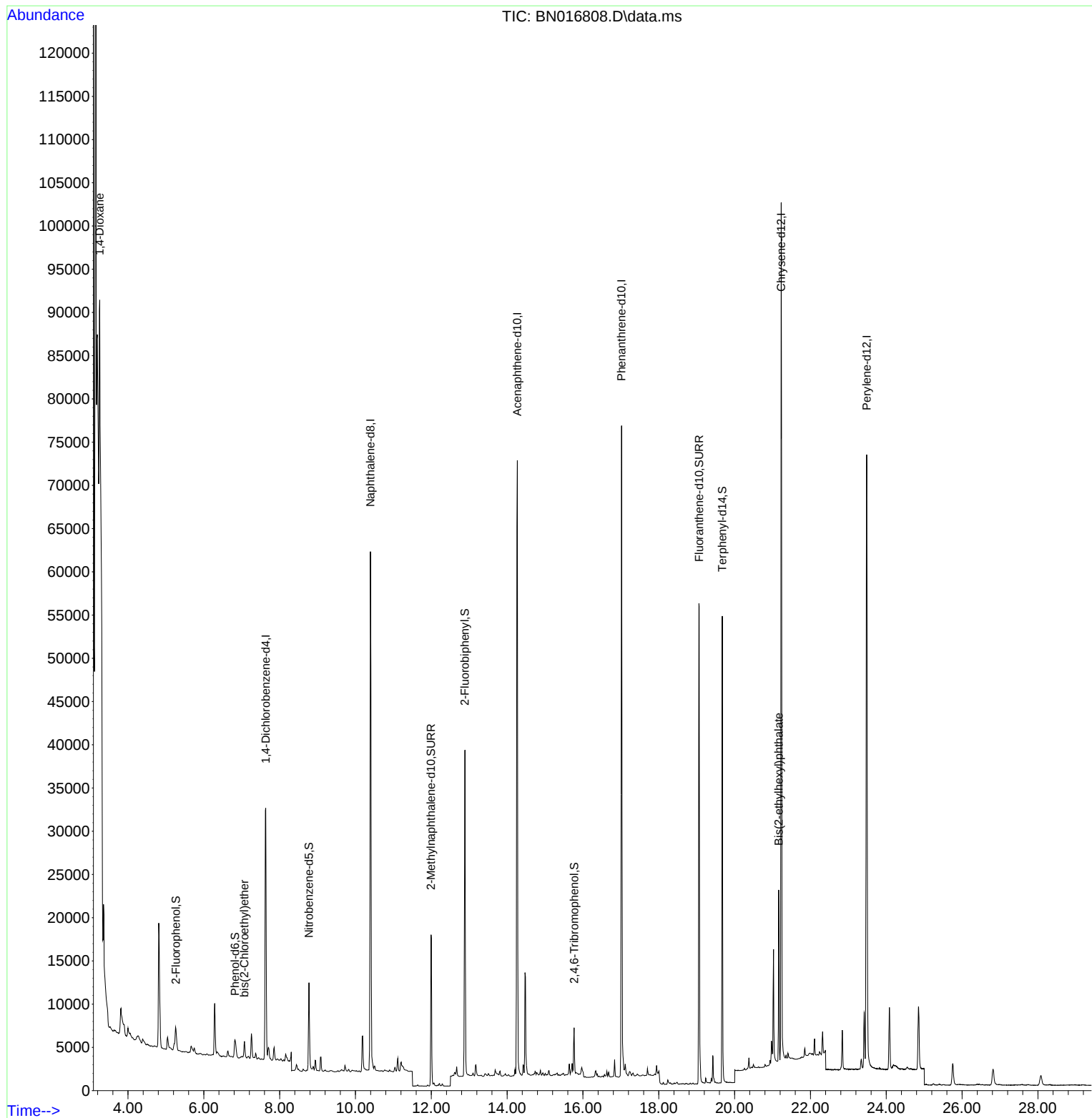
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	17995	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	84869	0.40	ng	-0.01
13) Acenaphthene-d10	14.269	164	46960	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	96012	0.40	ng	# 0.00
29) Chrysene-d12	21.228	240	98009	0.40	ng	# 0.00
35) Perylene-d12	23.481	264	96761	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	3606	0.08	ng	0.02
5) Phenol-d6	6.822	99	2342	0.05	ng	0.00
8) Nitrobenzene-d5	8.772	82	9354	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	24347	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	4881	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	32319	0.17	ng	0.00
27) Fluoranthene-d10	19.063	212	65198	0.25	ng	0.00
31) Terphenyl-d14	19.674	244	52609	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	21994	2.62	ng	# 70
6) bis(2-Chloroethyl)ether	7.071	93	1529	0.03	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	17384	0.09	ng	99

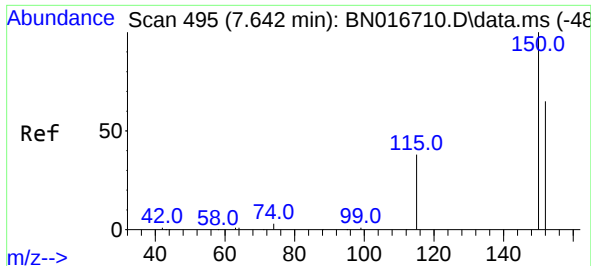
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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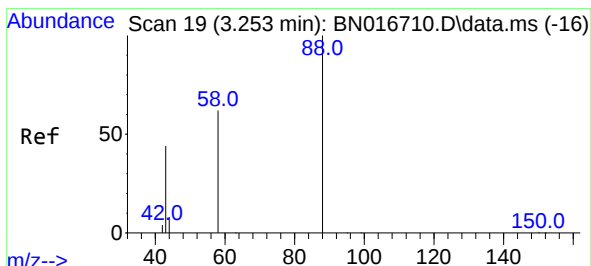
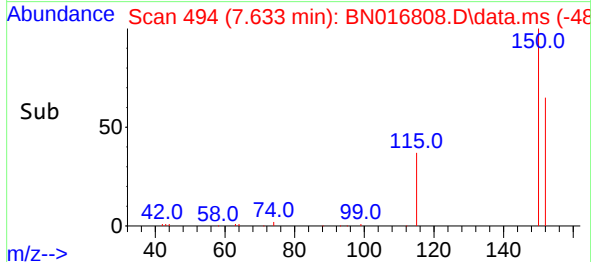
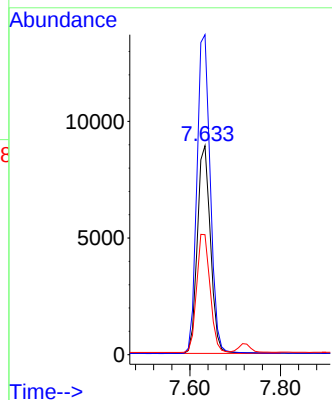
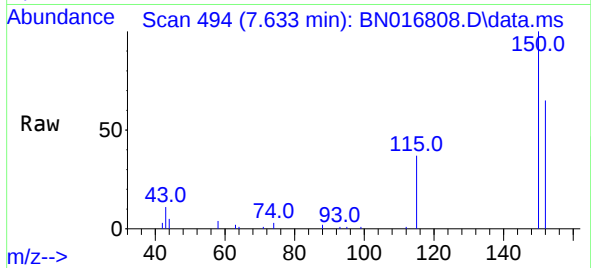




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

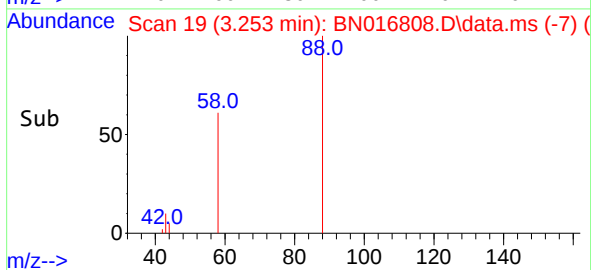
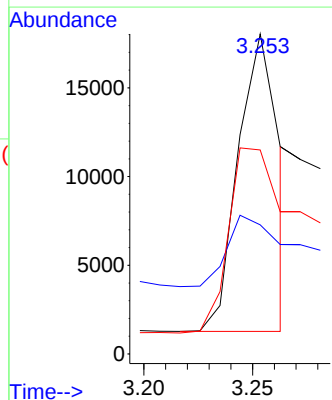
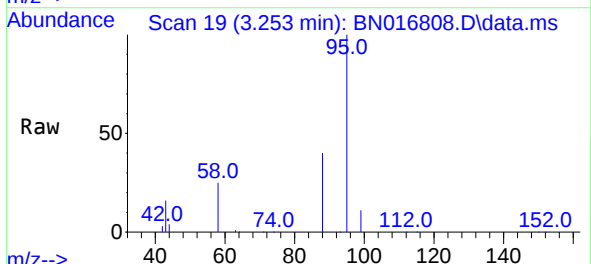
Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

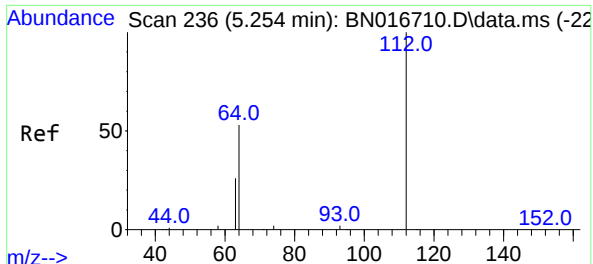
Tgt Ion:152 Resp: 17995
Ion Ratio Lower Upper
152 100
150 153.1 123.3 184.9
115 57.4 47.0 70.6



#2
1,4-Dioxane
Concen: 2.62 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion: 88 Resp: 21994
Ion Ratio Lower Upper
88 100
43 27.7 61.7 92.5#
58 75.2 62.2 93.2

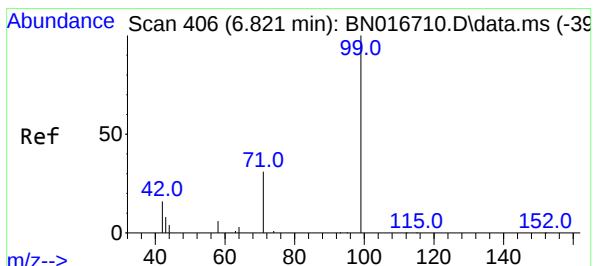
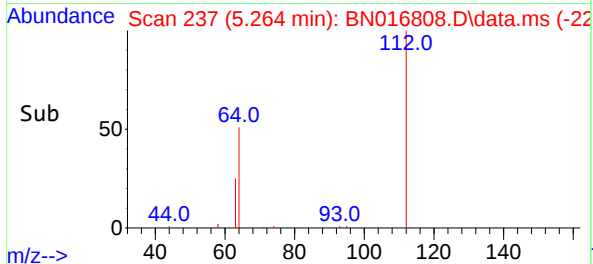
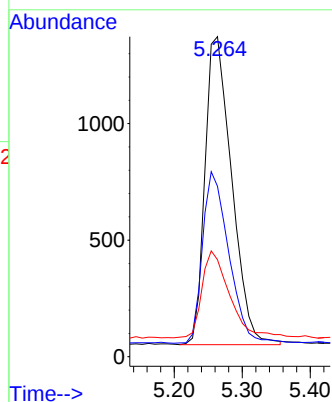
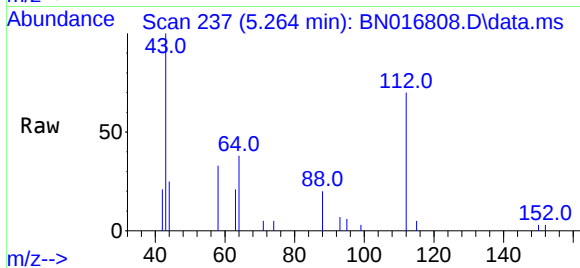




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

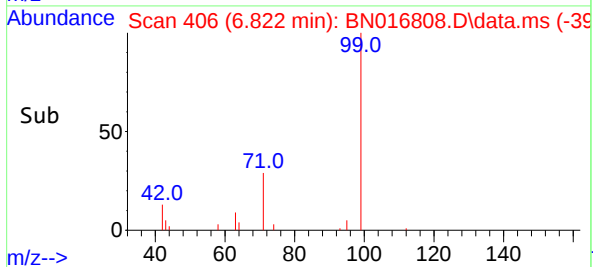
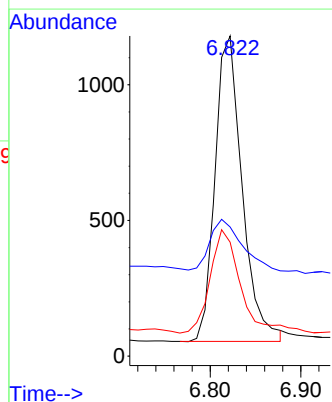
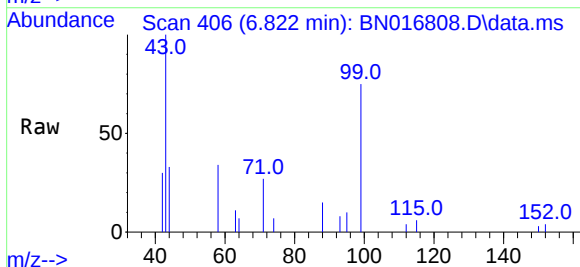
Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

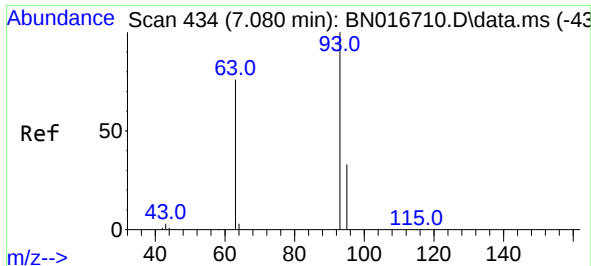
Tgt Ion:112 Resp: 3606
Ion Ratio Lower Upper
112 100
64 54.6 42.9 64.3
63 28.9 21.5 32.3



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion: 99 Resp: 2342
Ion Ratio Lower Upper
99 100
42 19.9 13.4 20.2
71 36.3 24.0 36.0#

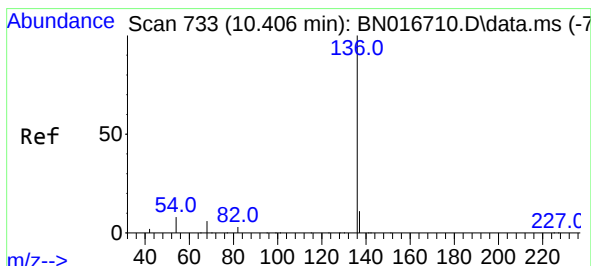
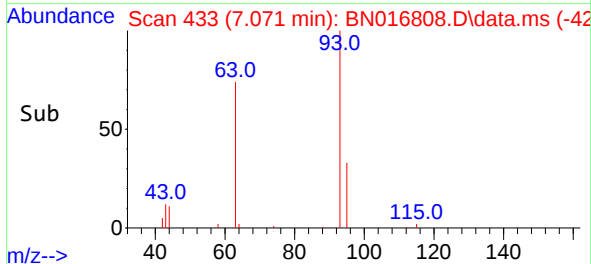
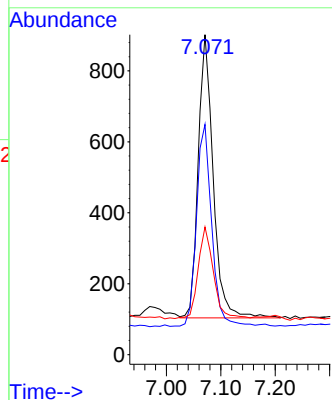
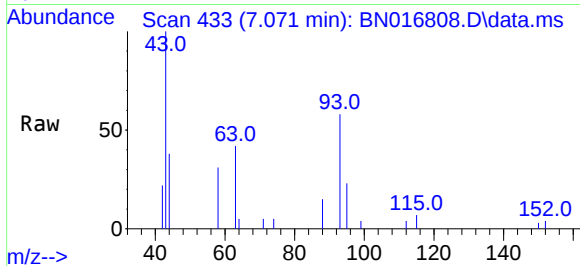




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

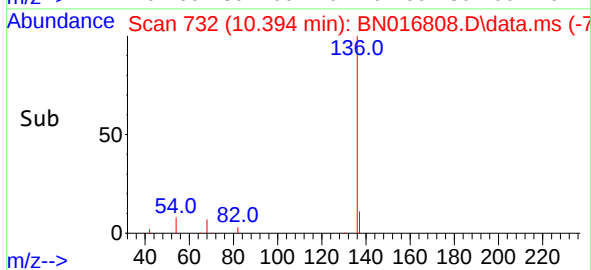
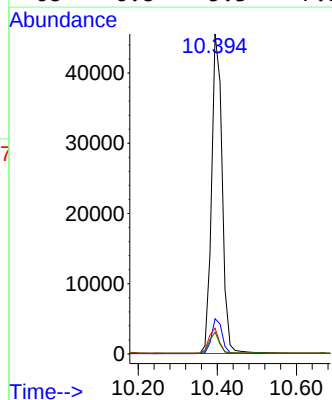
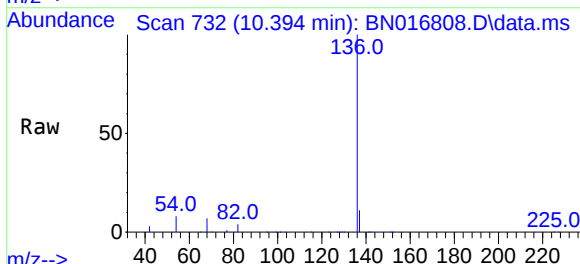
Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

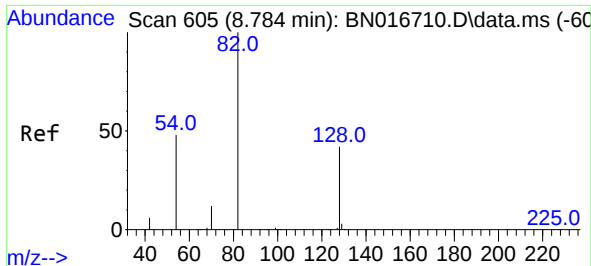
Tgt Ion:	93	Resp:	1529
Ion	Ratio	Lower	Upper
93	100		
63	72.1	59.0	88.6
95	33.5	26.4	39.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.012 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion:	136	Resp:	84869
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.5	9.7
68	6.8	5.3	7.9

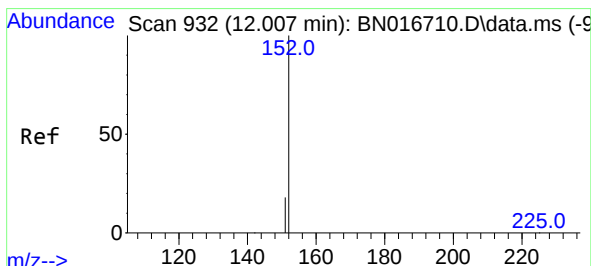
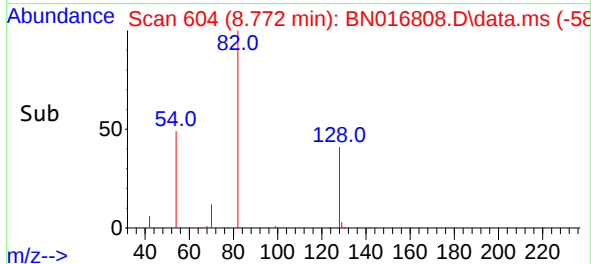
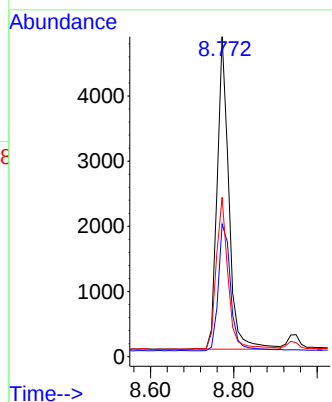
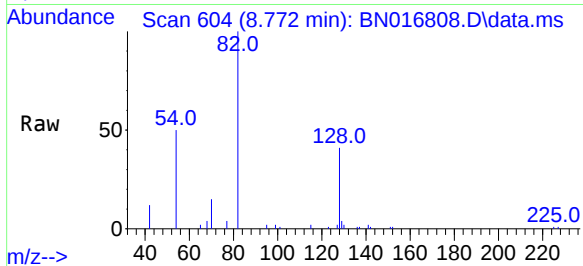




#8
Nitrobenzene-d5
Concen: 0.16 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

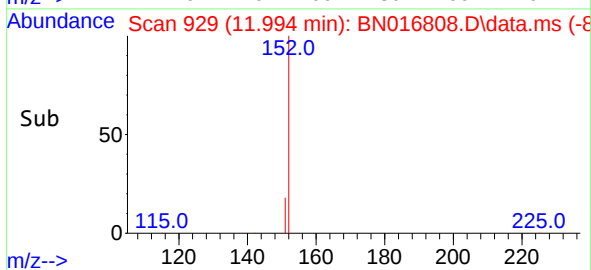
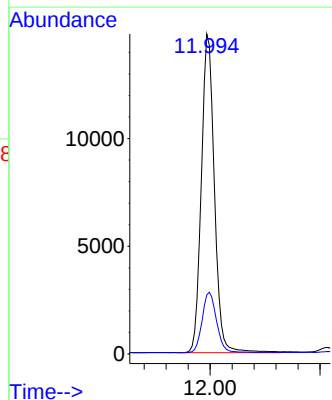
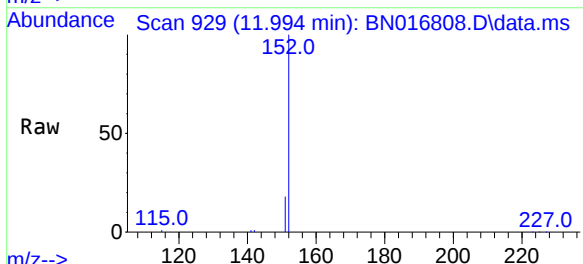
Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

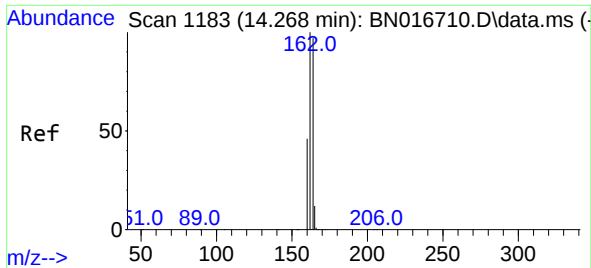
Tgt Ion: 82 Resp: 9354
Ion Ratio Lower Upper
82 100
128 41.4 33.8 50.6
54 49.8 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.004 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion: 152 Resp: 24347
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4

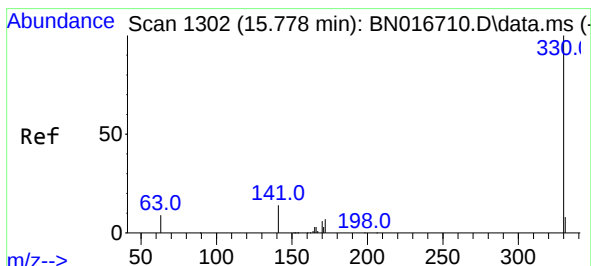
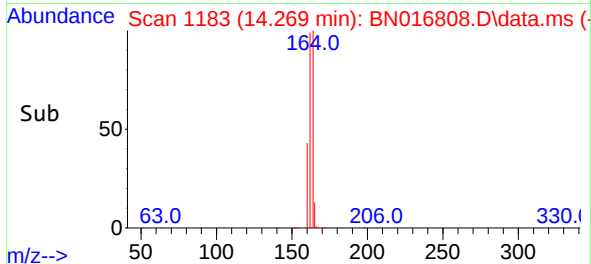
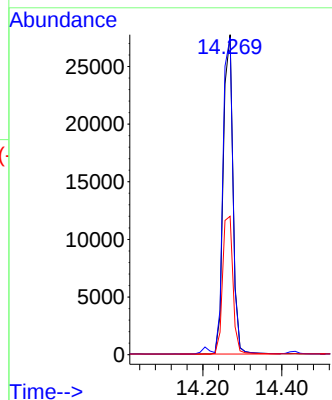
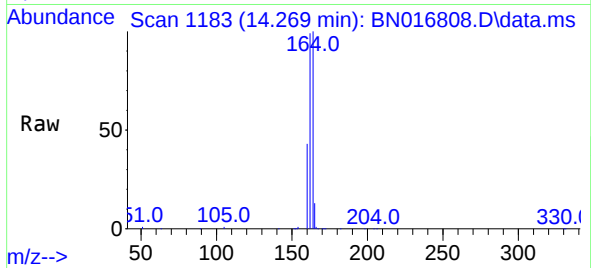




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

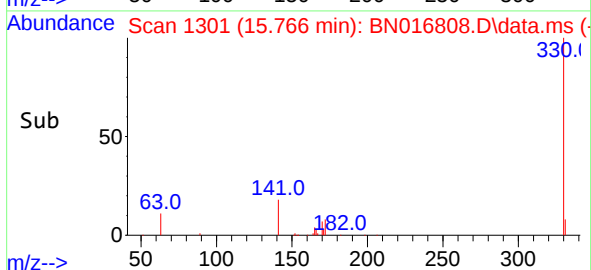
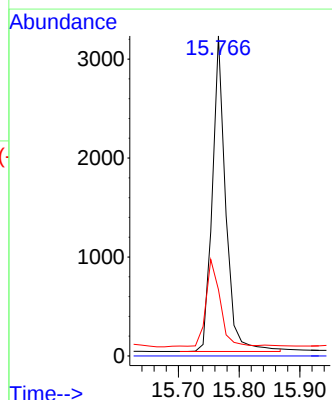
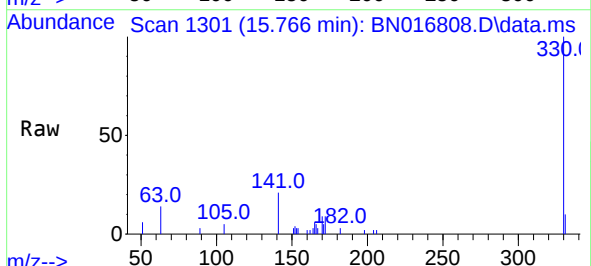
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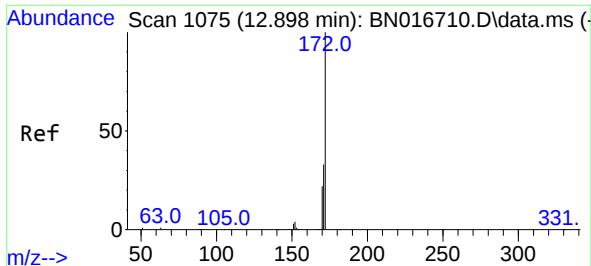
Tgt Ion:164 Resp: 46960
Ion Ratio Lower Upper
164 100
162 99.1 82.6 124.0
160 43.2 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion:330 Resp: 4881
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 24.2 36.2



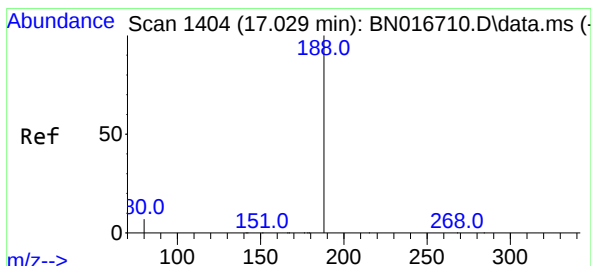
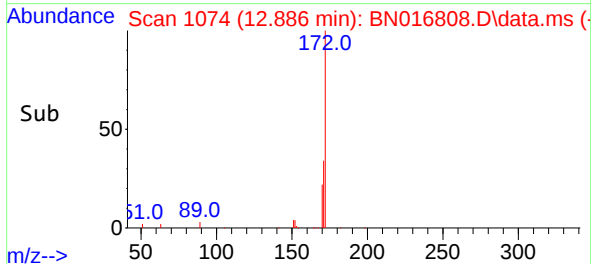
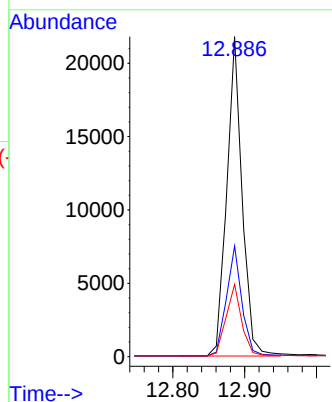
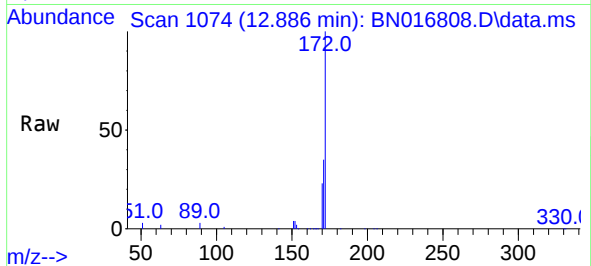


#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 32319

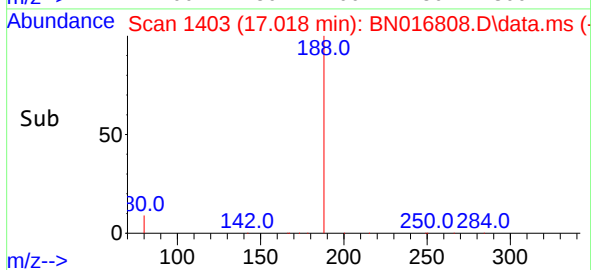
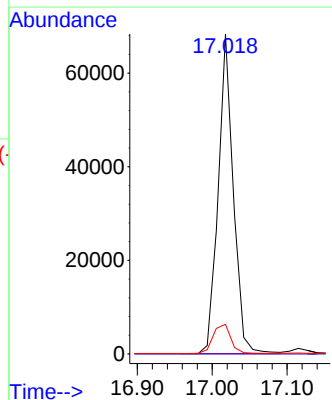
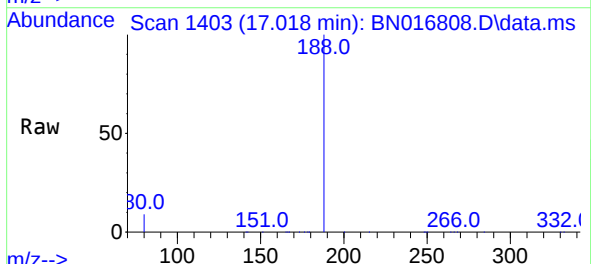
Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.9	40.3
170	22.6	17.4	26.0

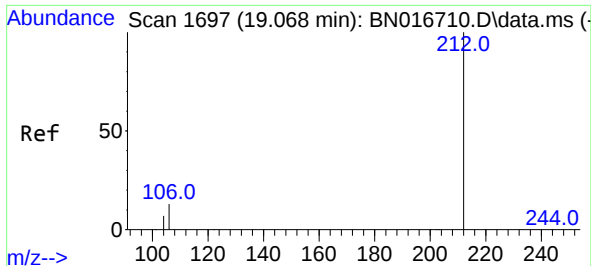


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion:188 Resp: 96012

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	5.8	8.8



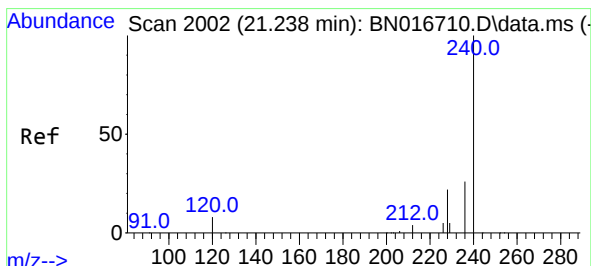
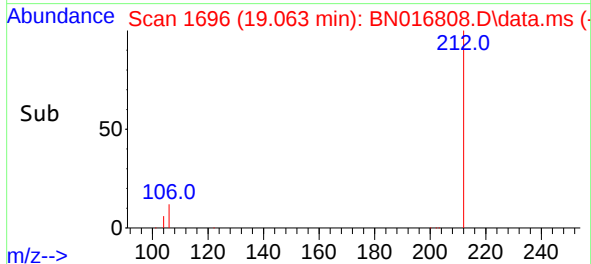
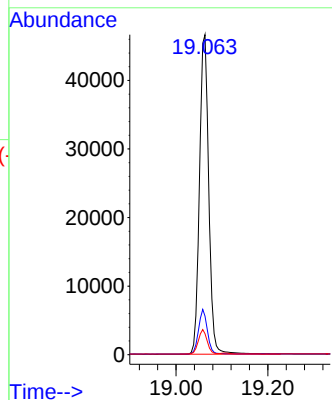
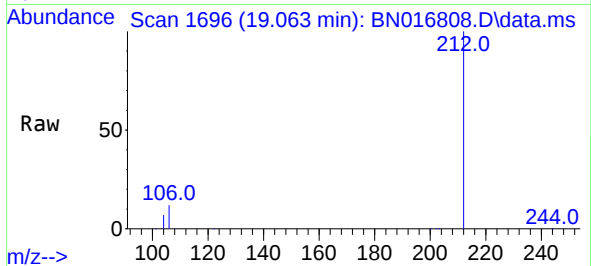


#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

Tgt Ion:212 Resp: 65198

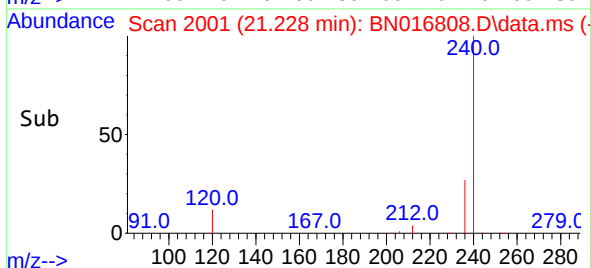
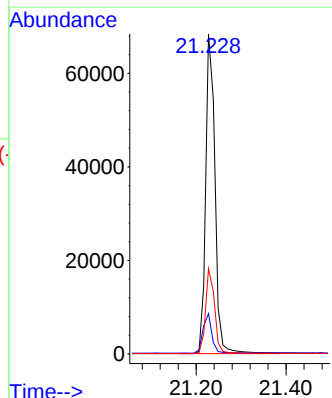
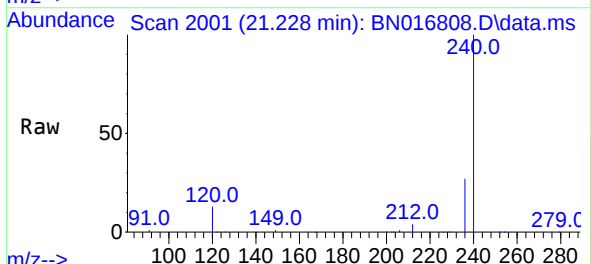
Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.2	5.8	8.8

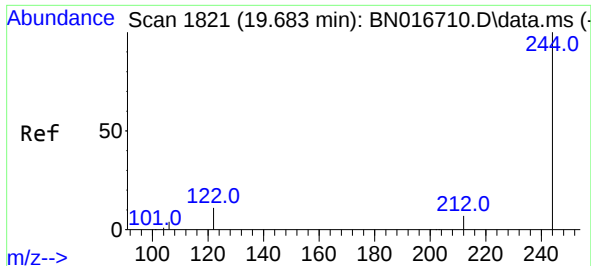


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion:240 Resp: 98009

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.6	10.0
236	26.6	20.7	31.1

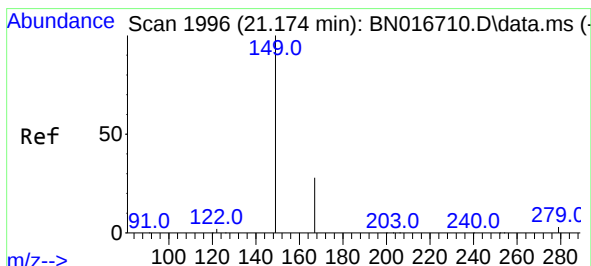
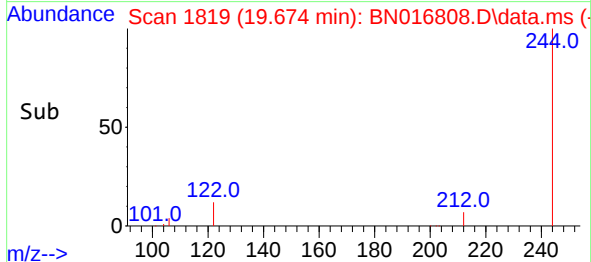
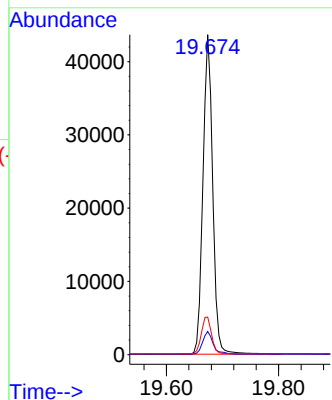
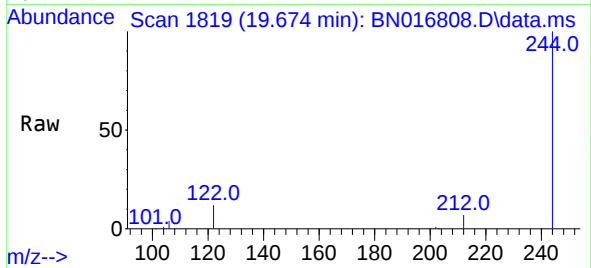




#31
Terphenyl-d14
Concen: 0.24 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

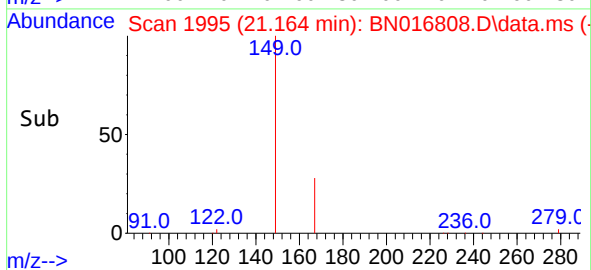
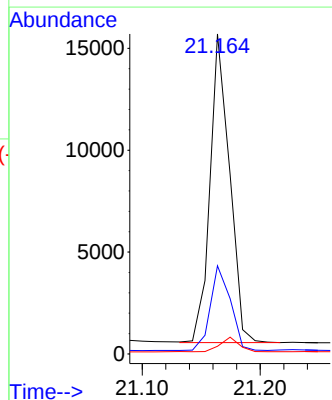
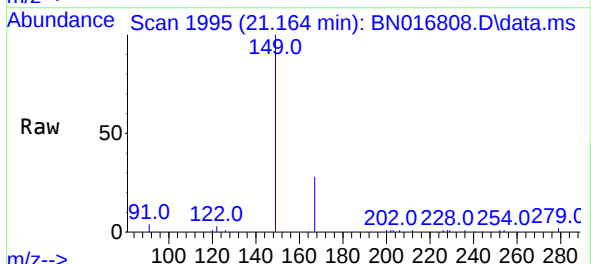
Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

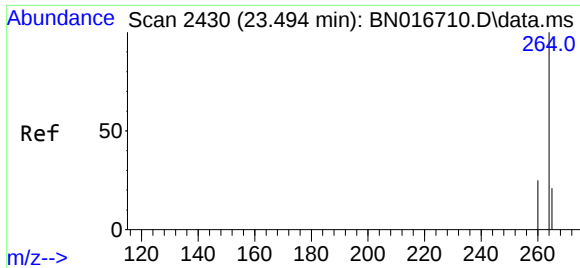
Tgt Ion:244 Resp: 52609
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 11.8 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Tgt Ion:149 Resp: 17384
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 4.7 3.4 5.2





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016808.D
Acq: 07 Oct 2021 11:11

Instrument :
BNA_N
ClientSampleId :
RE137-20210921DL

Tgt Ion:264	Resp:	96761
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.8 29.6
265	23.4	20.3 30.5

