

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016611.D
 Acq On : 30 Sep 2021 22:10
 Operator : CG/JU
 Sample : M3782-18DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210915DL

Quant Time: Oct 01 01:37:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

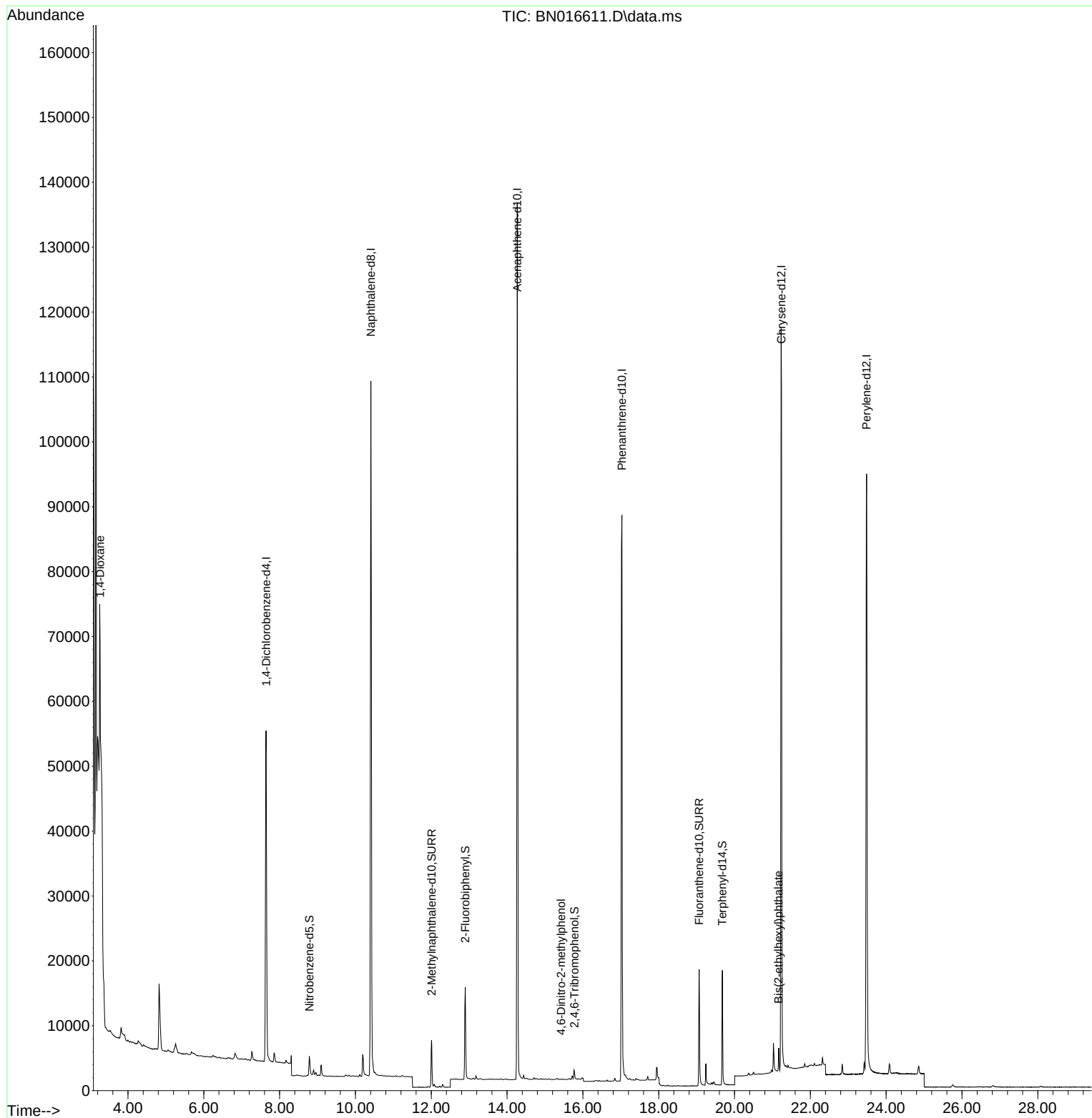
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	33221	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	147936	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	76410	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	142268	0.400	ng	0.00
29) Chrysene-d12	21.238	240	126838	0.400	ng	0.00
35) Perylene-d12	23.481	264	129791	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	1676	0.020	ng	0.00
5) Phenol-d6	6.822	99	948	0.010	ng	0.00
8) Nitrobenzene-d5	8.784	82	3289	0.034	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	10674	0.049	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	1385	0.040	ng	0.01
15) 2-Fluorobiphenyl	12.898	172	14142	0.046	ng	0.00
27) Fluoranthene-d10	19.068	212	21621	0.057	ng	0.00
31) Terphenyl-d14	19.678	244	18636	0.068	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	19389	1.268	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.423	198	5	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	3339	0.022	ng	99

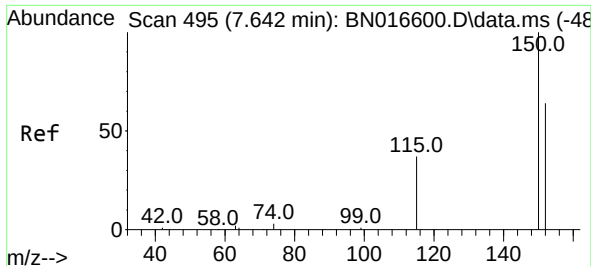
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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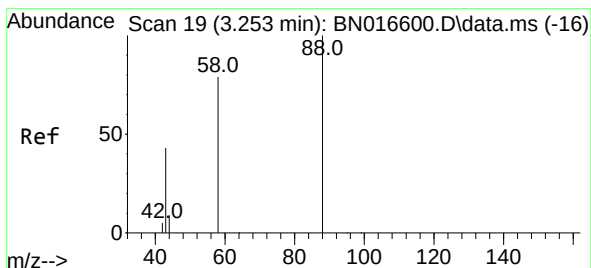
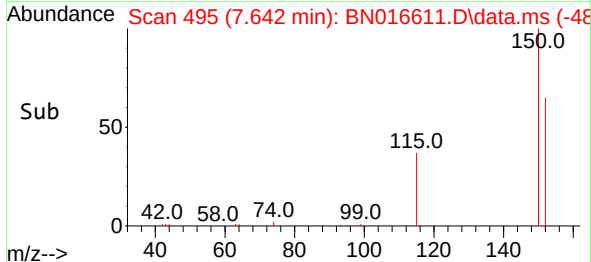
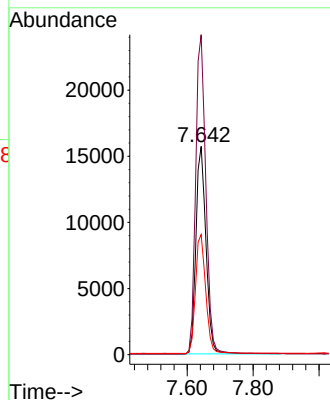
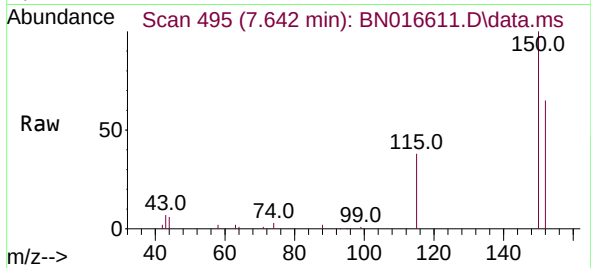




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016611.D
 Acq: 30 Sep 2021 22:10

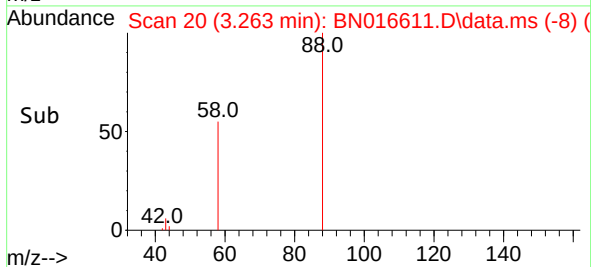
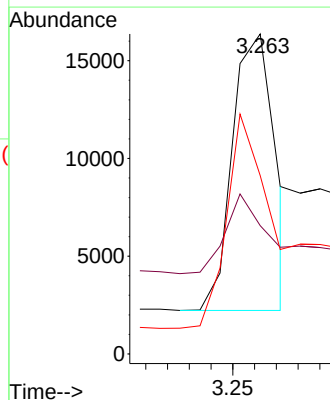
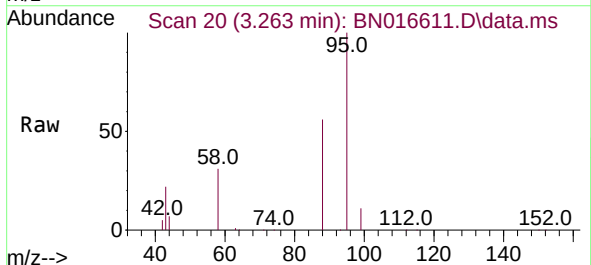
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210915DL

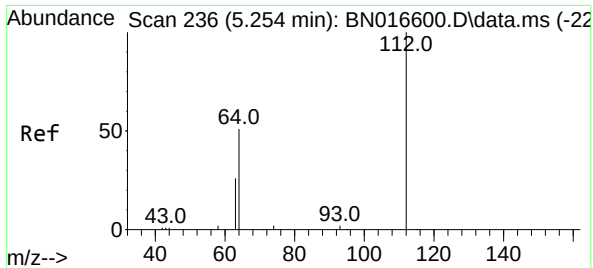
Tgt Ion:152 Resp: 33221
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 57.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 1.268 ng
 RT: 3.263 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016611.D
 Acq: 30 Sep 2021 22:10

Tgt Ion: 88 Resp: 19389
 Ion Ratio Lower Upper
 88 100
 43 26.7 37.8 56.8#
 58 74.3 61.3 91.9

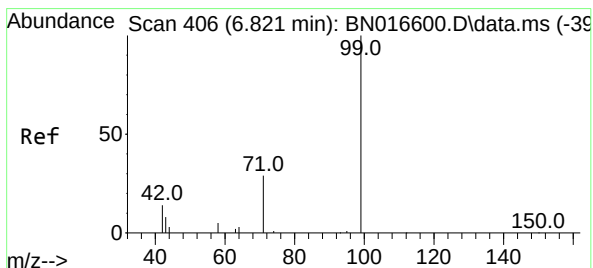
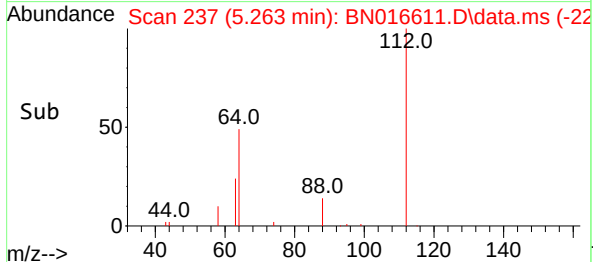
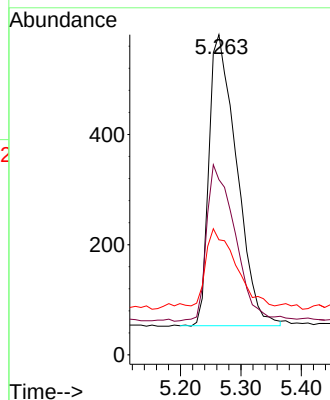
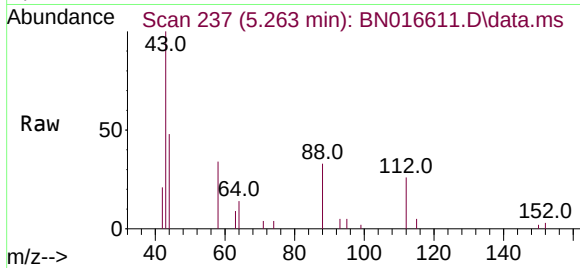




#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

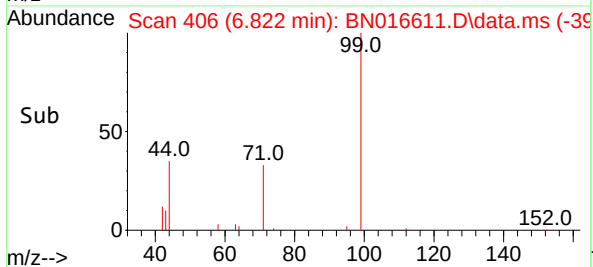
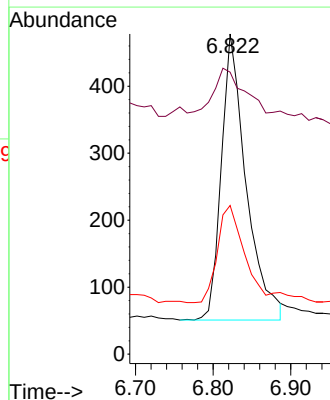
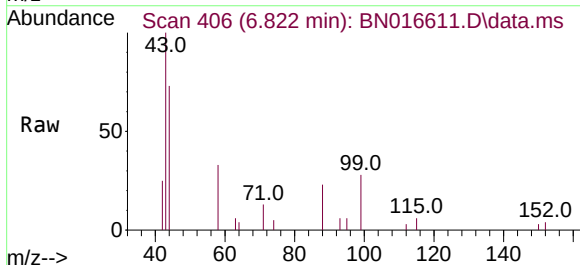
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

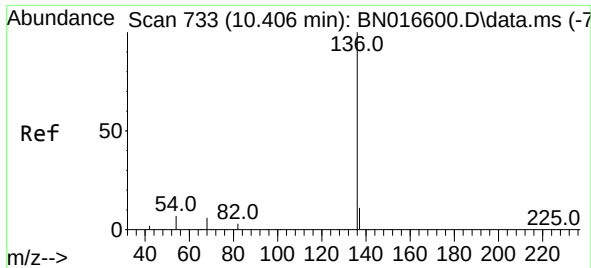
Tgt Ion:	112	Resp:	1676
Ion Ratio	Lower	Upper	
112	100		
64	55.1	43.1	64.7
63	27.7	21.6	32.4



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:	99	Resp:	948
Ion Ratio	Lower	Upper	
99	100		
42	19.2	13.0	19.6
71	37.0	23.5	35.3

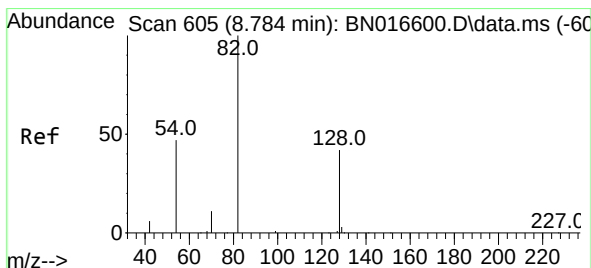
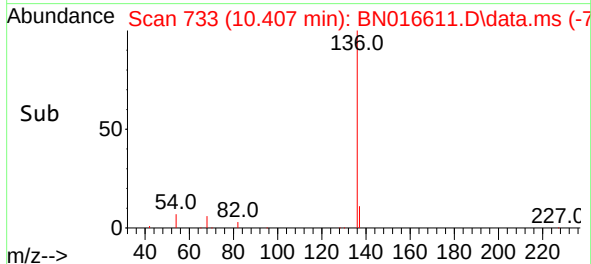
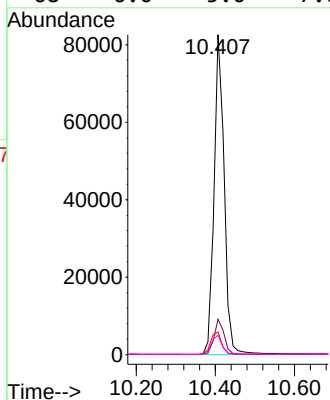
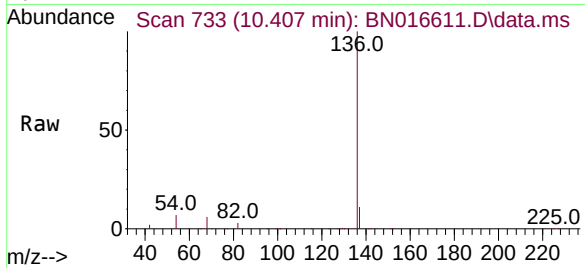




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

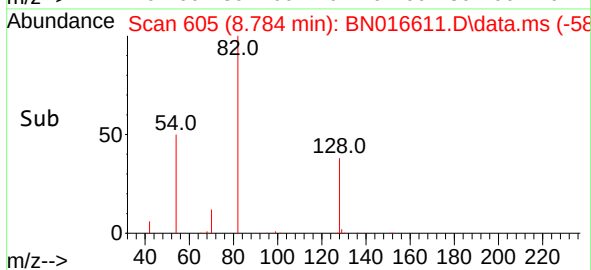
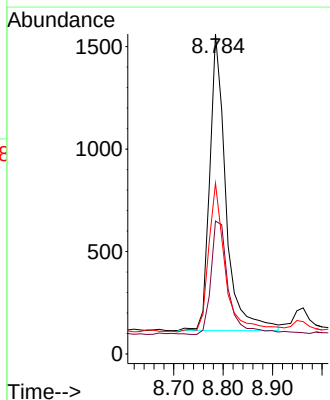
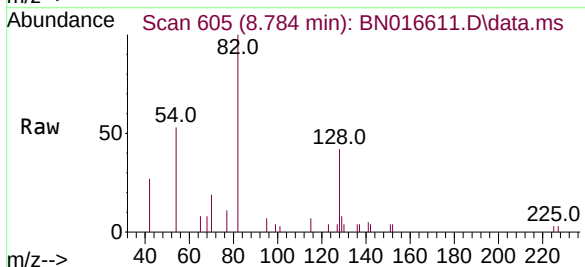
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

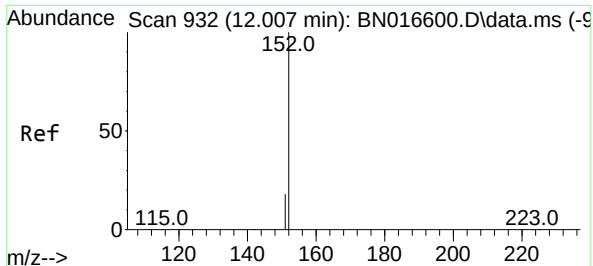
Tgt Ion:136	Resp:	147936
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	7.1	5.9 8.9
68	6.0	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.034 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion: 82	Resp:	3289
Ion Ratio	Lower	Upper
82	100	
128	41.5	33.6 50.4
54	53.3	37.6 56.4

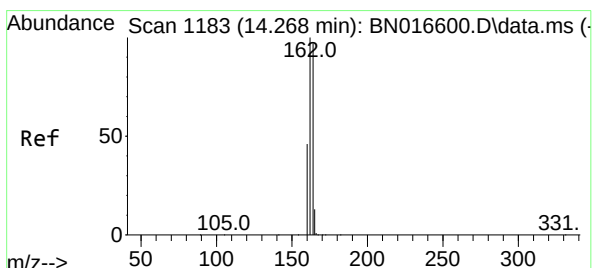
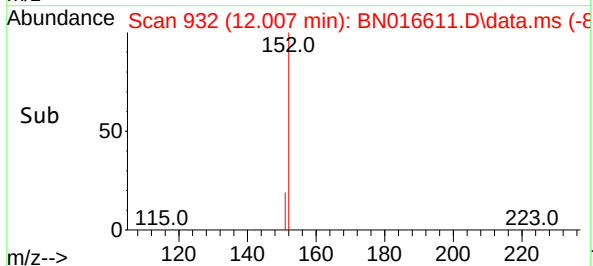
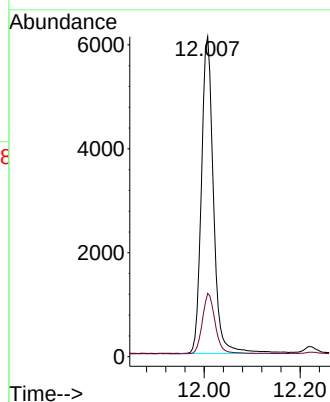
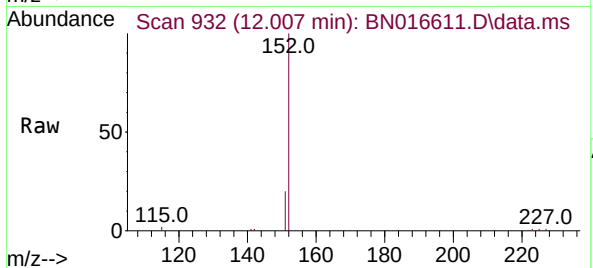




#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

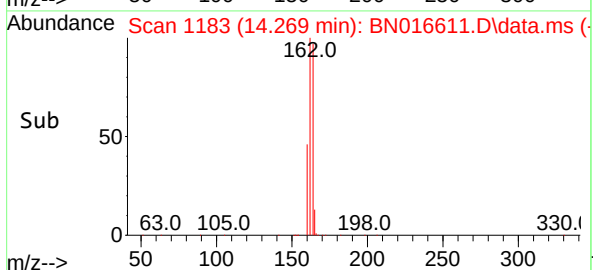
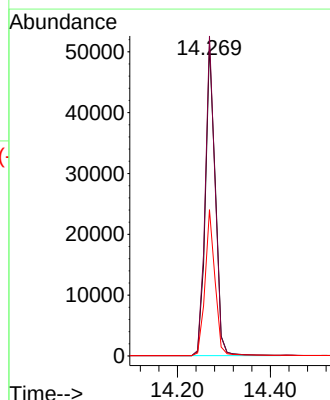
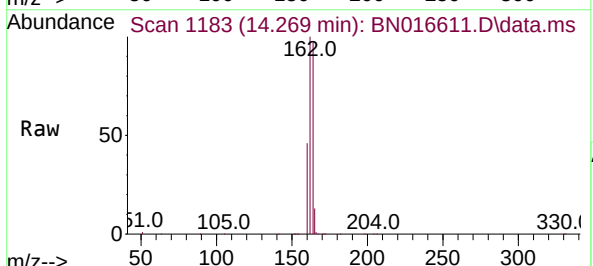
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

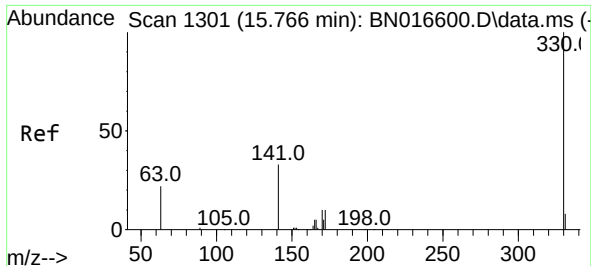
Tgt Ion:152 Resp: 10674
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:164 Resp: 76410
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 47.0 37.7 56.5

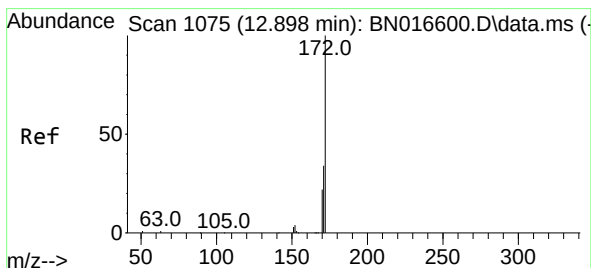
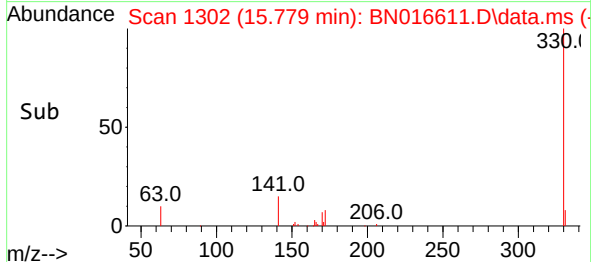
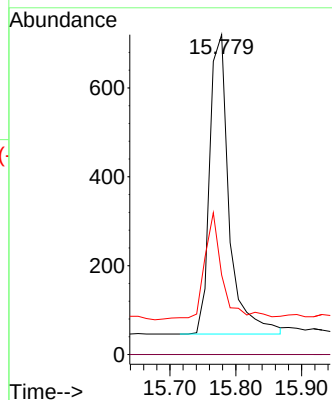
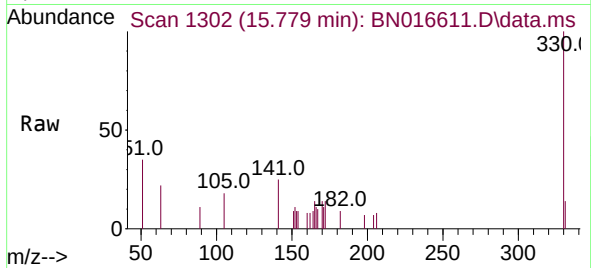




#14
2,4,6-Tribromophenol
Concen: 0.040 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.013 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

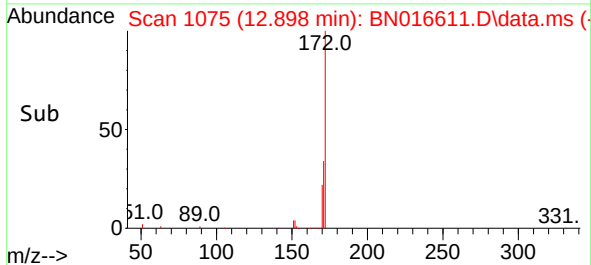
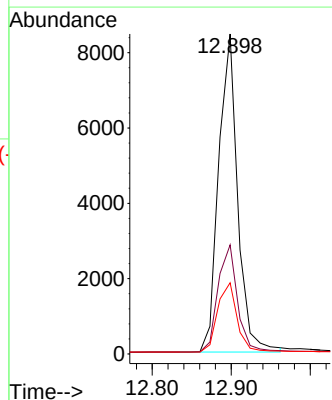
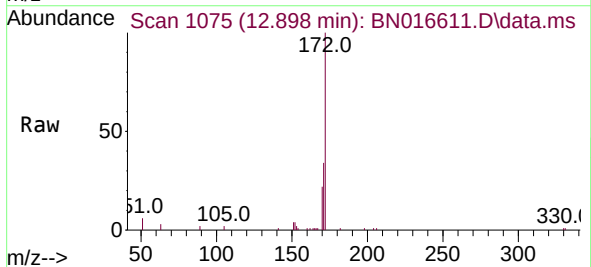
Instrument :
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ClientSampleId :
RE131D1-20210915DL

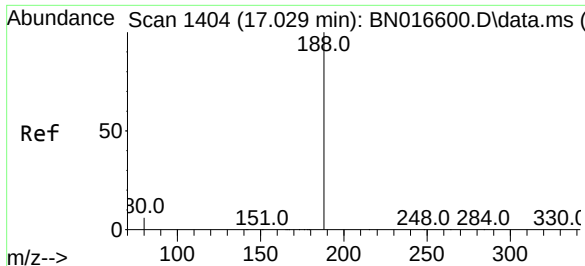
Tgt Ion:330 Resp: 1385
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.1 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:172 Resp: 14142
Ion Ratio Lower Upper
172 100
171 34.1 27.0 40.4
170 22.3 17.4 26.2

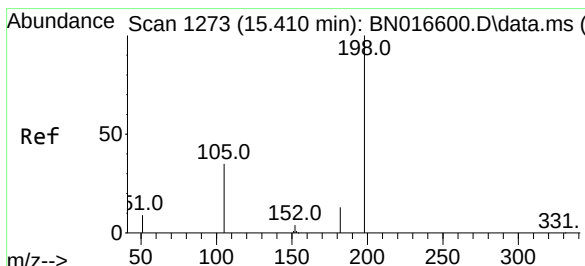
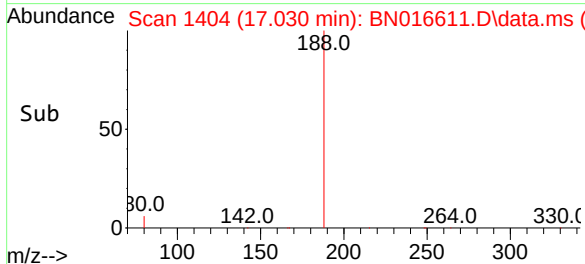
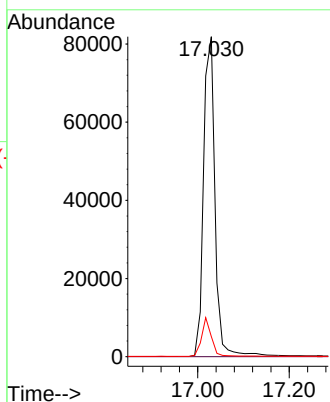
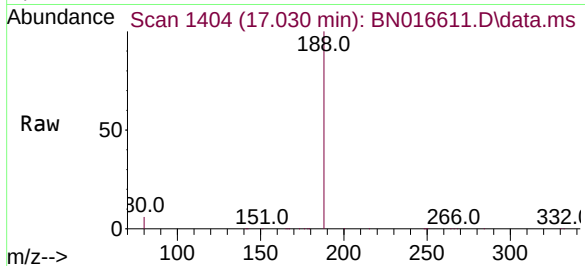




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

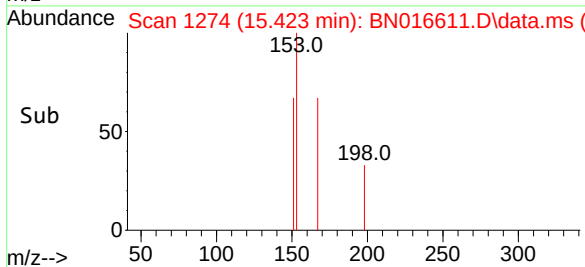
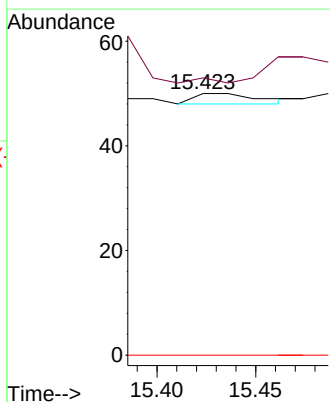
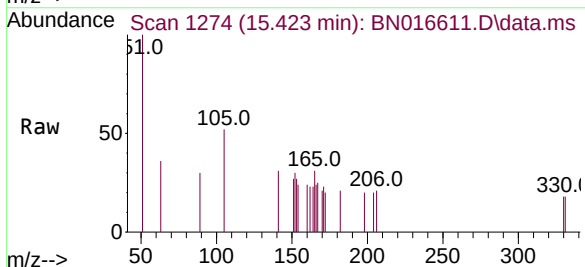
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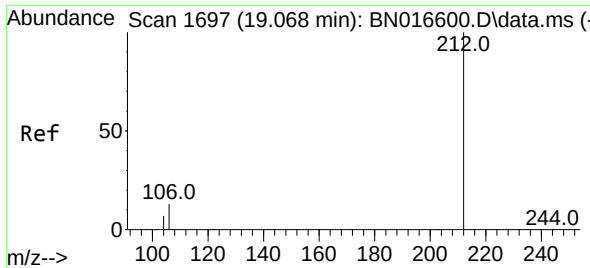
Tgt Ion:188 Resp: 142268
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.0 7.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

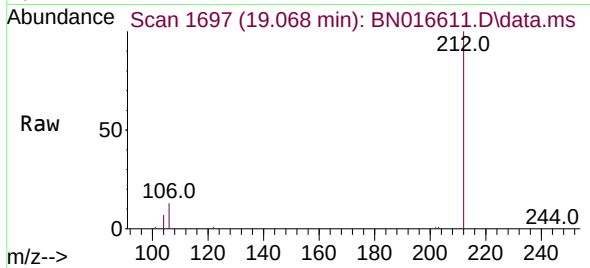
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 106.0 11.8 17.8#
77 0.0 0.0 0.0



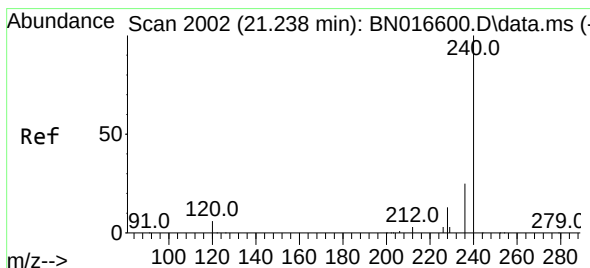
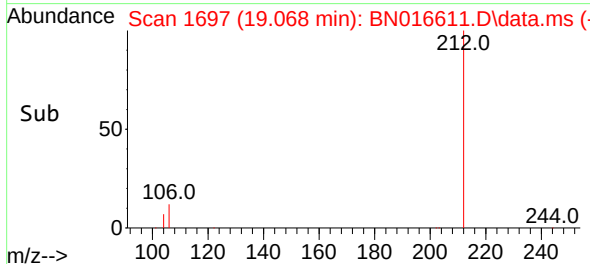
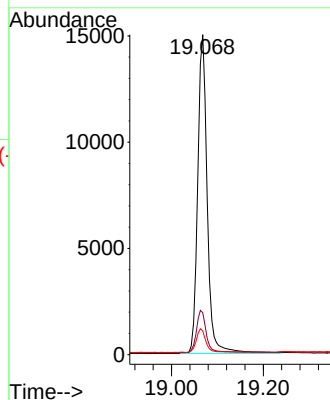


#27
Fluoranthene-d10
Concen: 0.057 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

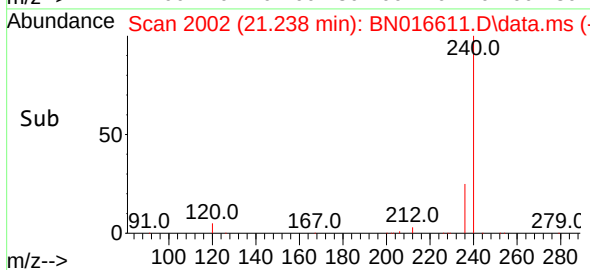
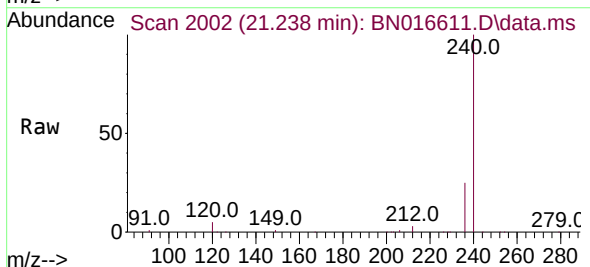
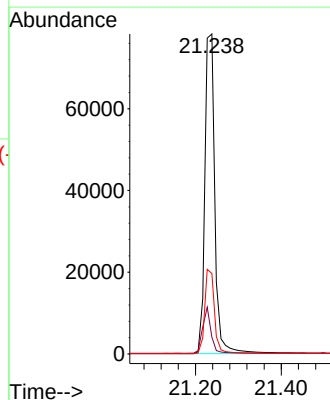


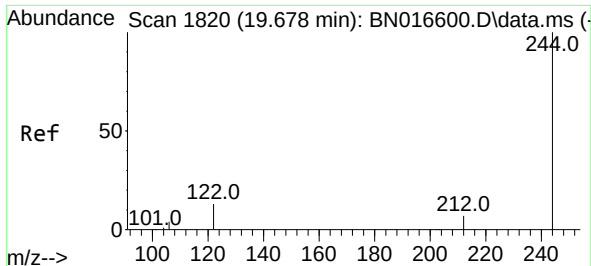
Tgt Ion:212 Resp: 21621
Ion Ratio Lower Upper
212 100
106 13.7 10.6 16.0
104 7.3 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:240 Resp: 126838
Ion Ratio Lower Upper
240 100
120 5.2 5.0 7.4
236 25.2 20.4 30.6

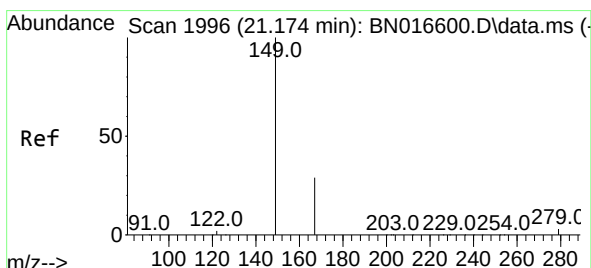
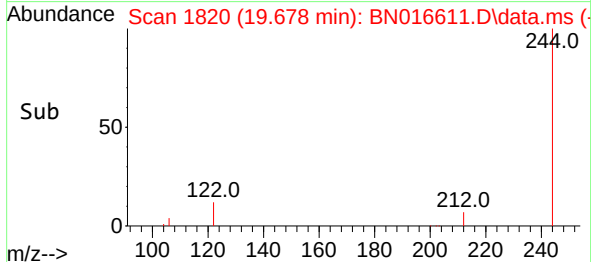
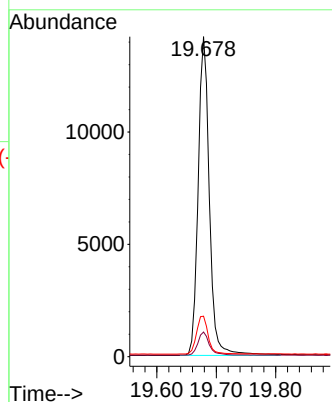
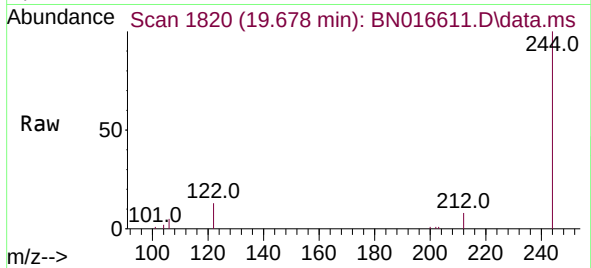




#31
 Terphenyl-d14
 Concen: 0.068 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016611.D
 Acq: 30 Sep 2021 22:10

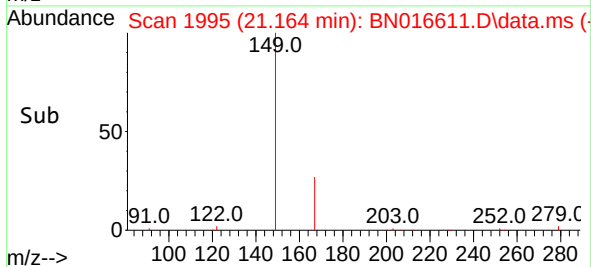
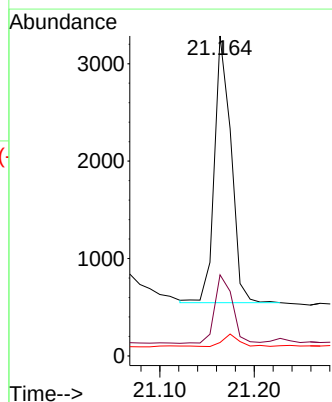
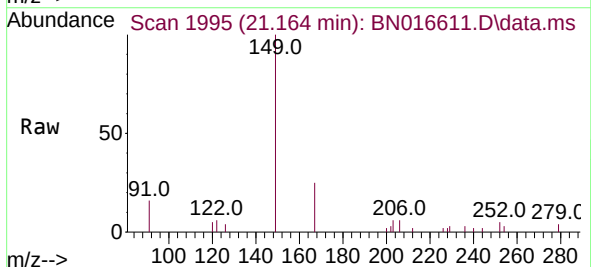
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210915DL

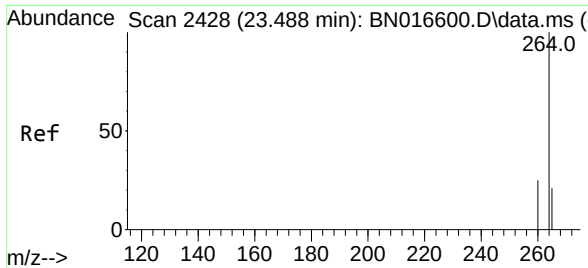
Tgt Ion:244	Resp:	18636
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.0 9.0
122	12.7	10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016611.D
 Acq: 30 Sep 2021 22:10

Tgt Ion:149	Resp:	3339
Ion Ratio	Lower	Upper
149	100	
167	27.3	22.2 33.4
279	4.3	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016611.D
 Acq: 30 Sep 2021 22:10

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210915DL

Tgt Ion:264	Resp:	129791
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.9 29.9
265	23.3	19.2 28.8

