

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016753.D
 Acq On : 05 Oct 2021 20:37
 Operator : CG/JU
 Sample : M3915-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20210921

Quant Time: Oct 06 00:59:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

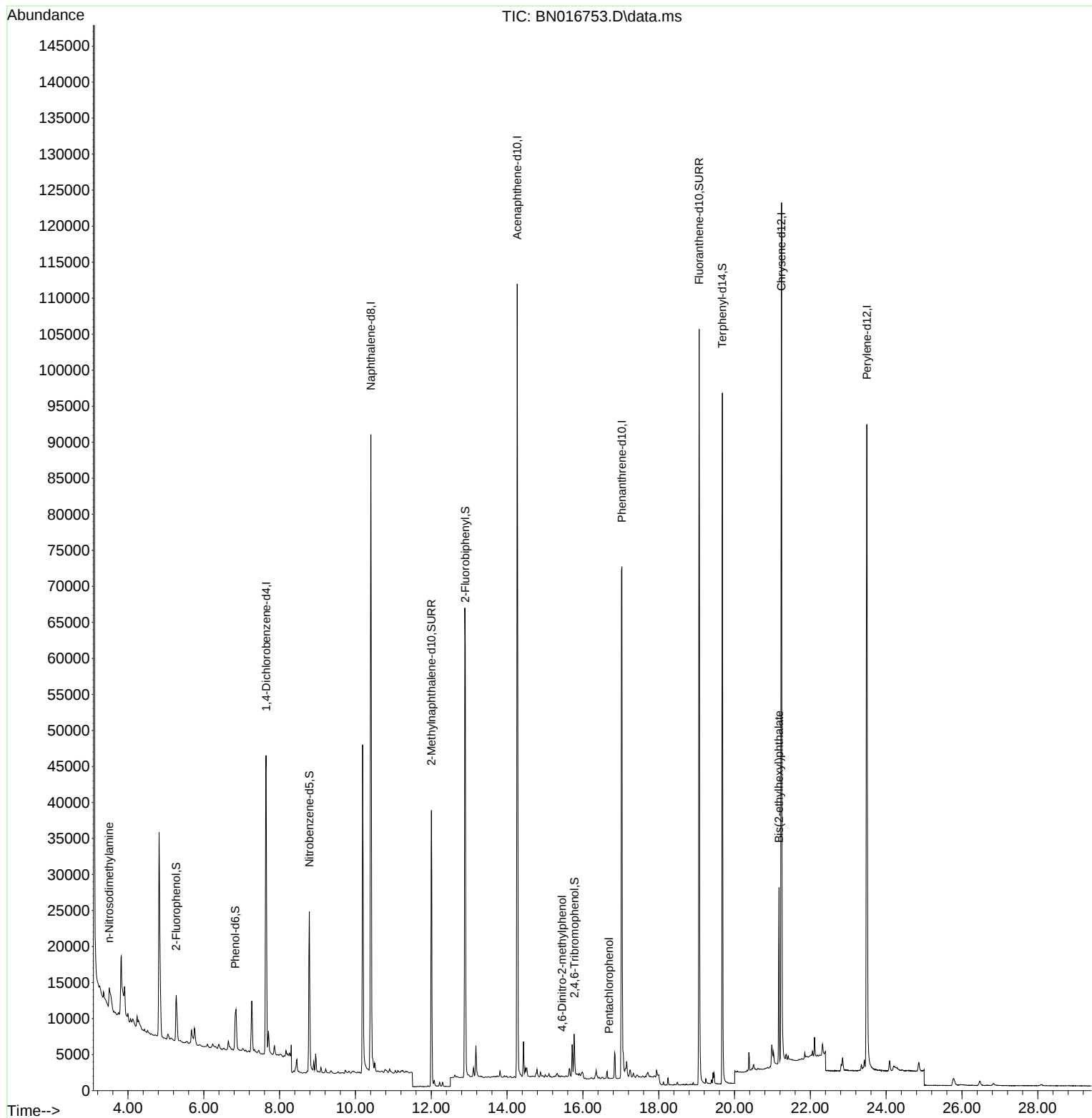
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26134	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	118231	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	62299	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	115076	0.400	ng	0.00
29) Chrysene-d12	21.238	240	115674	0.400	ng	0.00
35) Perylene-d12	23.491	264	123559	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	8490	0.127	ng	0.02
5) Phenol-d6	6.831	99	5192	0.070	ng	0.00
8) Nitrobenzene-d5	8.784	82	20607	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	52400	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	5857	0.280	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	65654	0.264	ng	0.00
27) Fluoranthene-d10	19.068	212	120827	0.384	ng	0.00
31) Terphenyl-d14	19.678	244	96350	0.372	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.502	42	1682	0.085	ng	Qvalue
20) 4,6-Dinitro-2-methylph...	15.448	198	14	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	16	0.339	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.174	149	22412	0.103	ng	100

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

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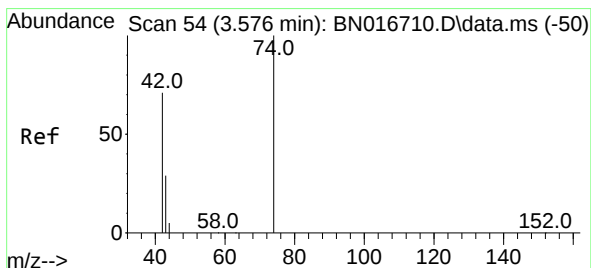
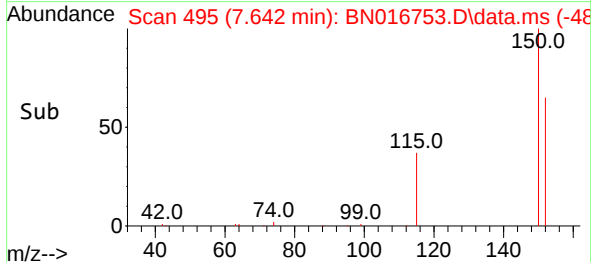
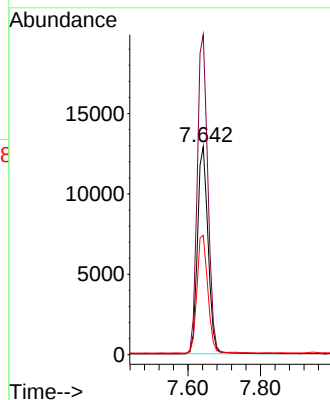
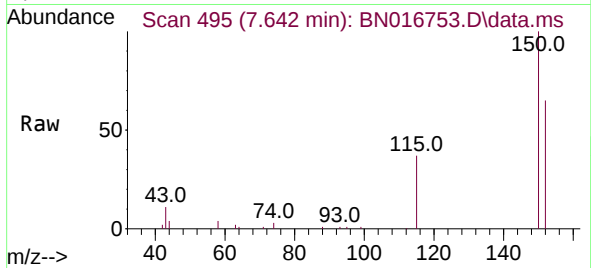




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

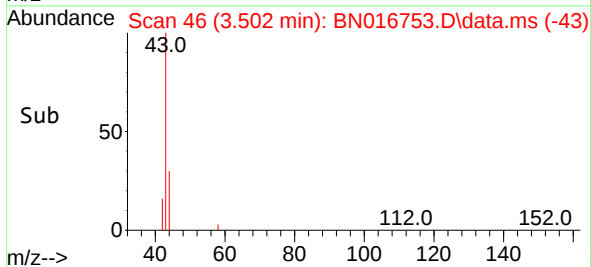
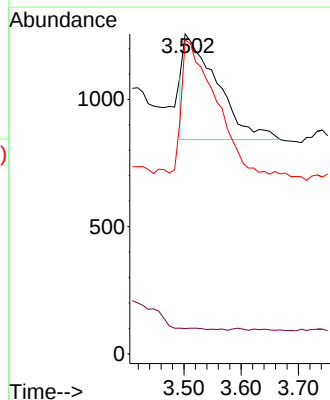
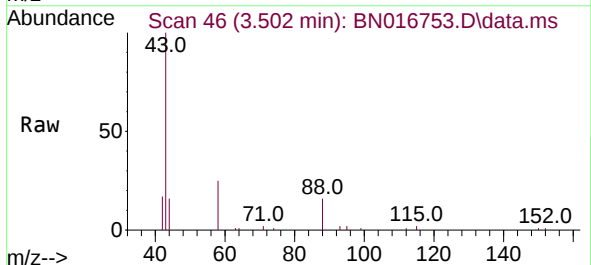
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:152 Resp: 26134
Ion Ratio Lower Upper
152 100
150 153.8 123.3 184.9
115 57.4 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion: 42 Resp: 1682
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 120.4 5.6 8.4#

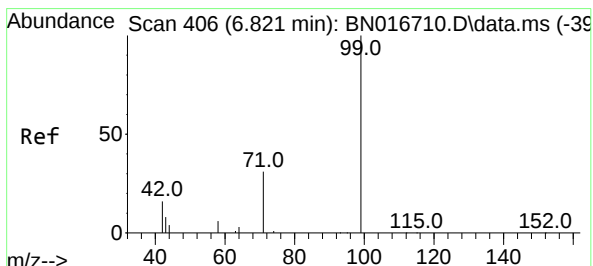
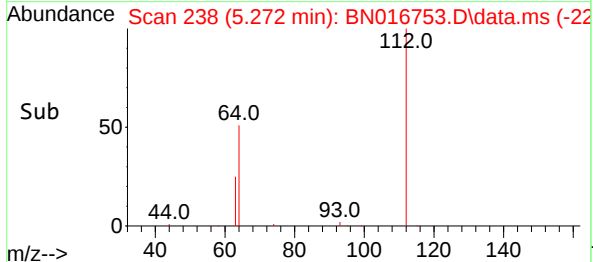
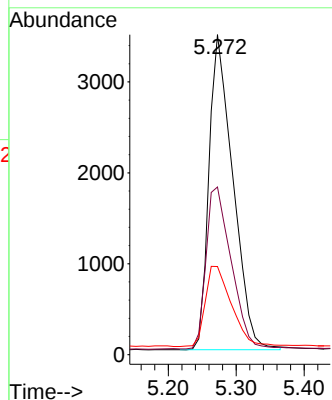
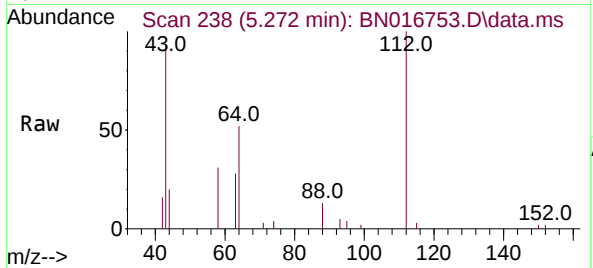




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

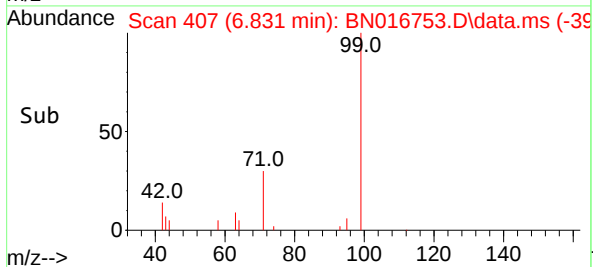
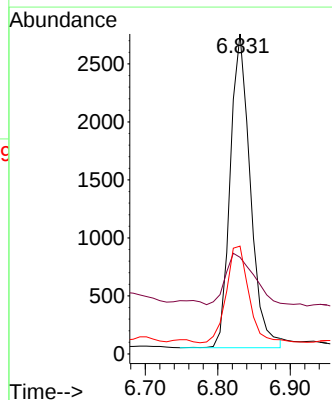
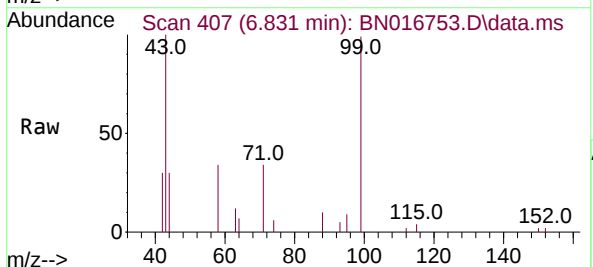
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:	112	Resp:	8490
Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.9	64.3
63	27.8	21.5	32.3



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:	99	Resp:	5192
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.4	20.2#
71	34.6	24.0	36.0

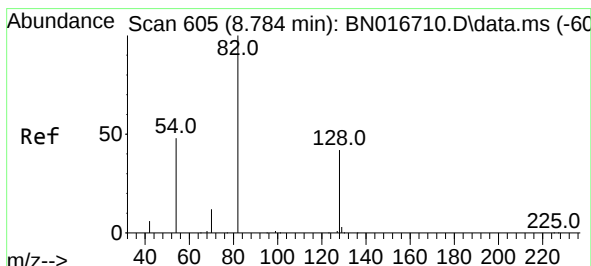
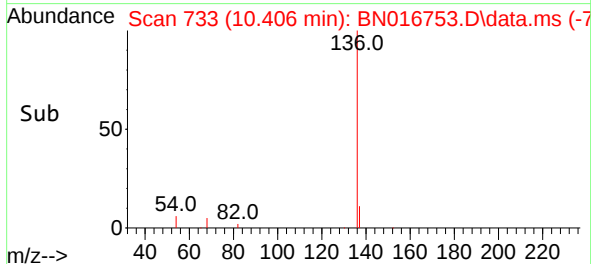
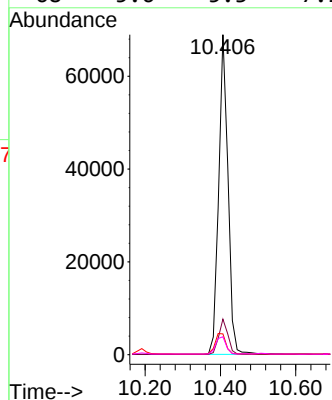
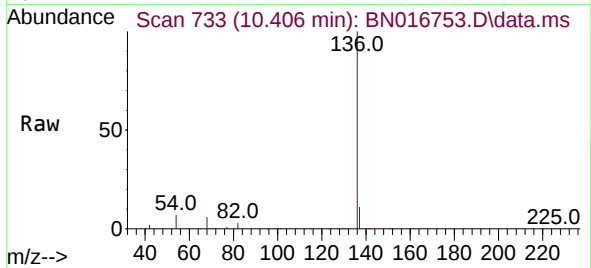




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

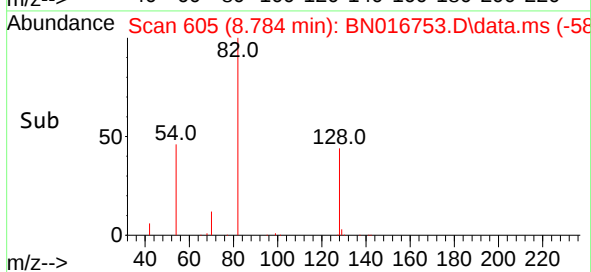
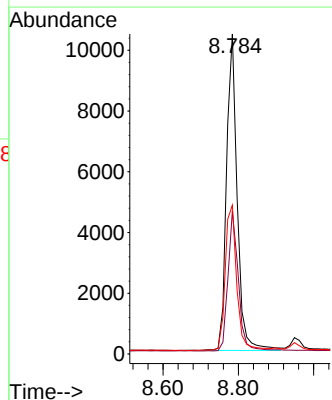
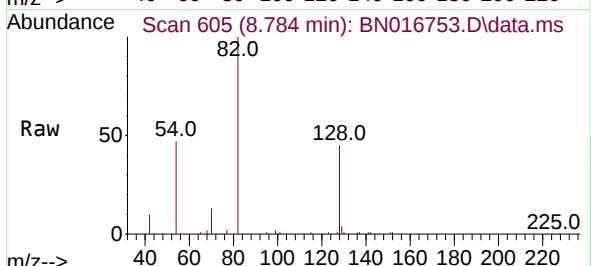
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:	136	Resp:	118231
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.5	9.7
68	5.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:	82	Resp:	20607
Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.8	50.6
54	46.5	38.5	57.7

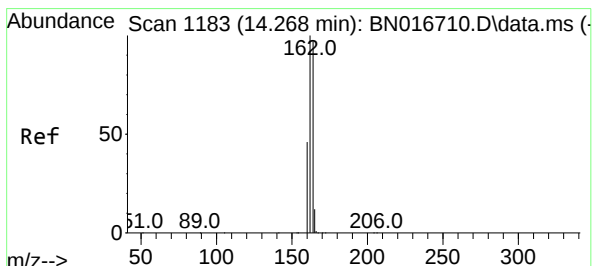
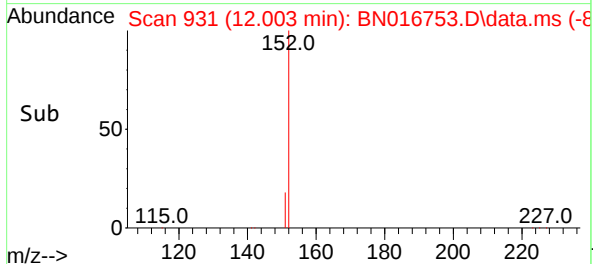
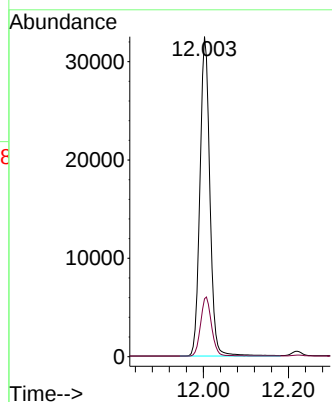
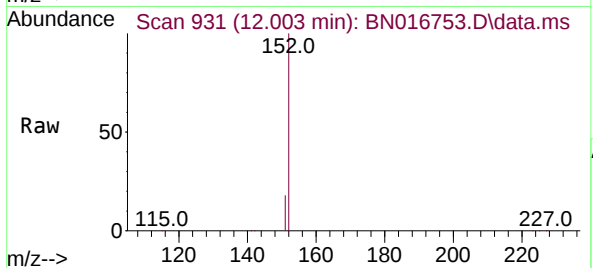




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

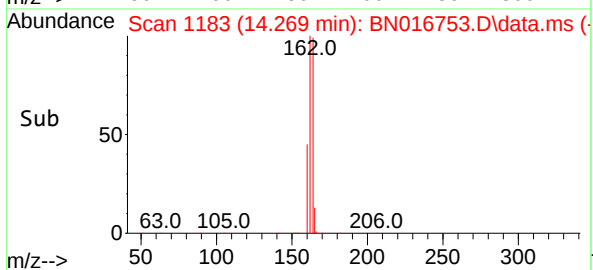
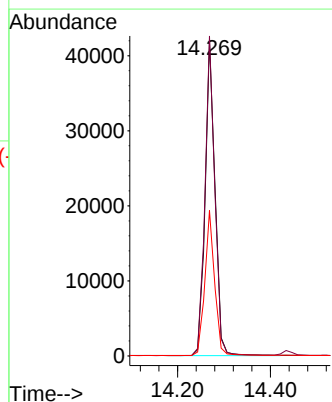
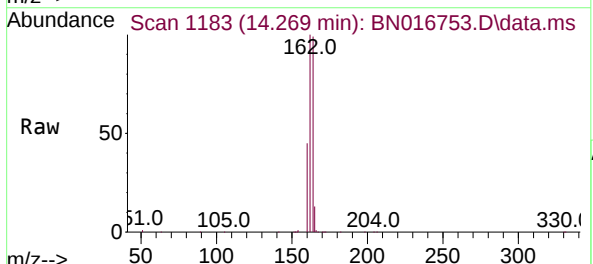
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:152 Resp: 52400
Ion Ratio Lower Upper
152 100
151 20.4 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: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:164 Resp: 62299
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 46.1 38.2 57.2

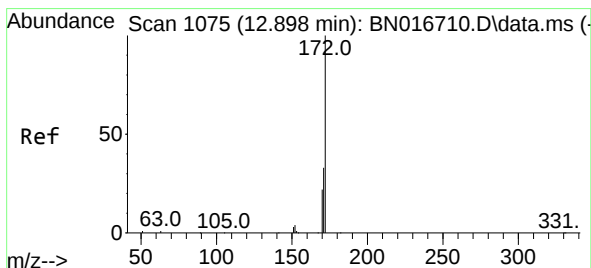
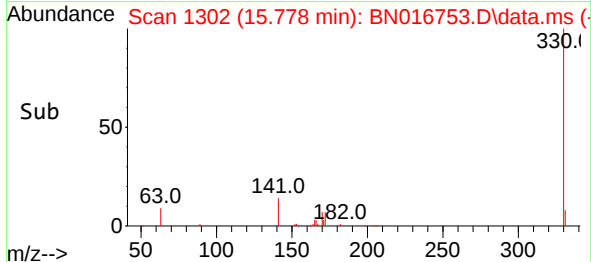
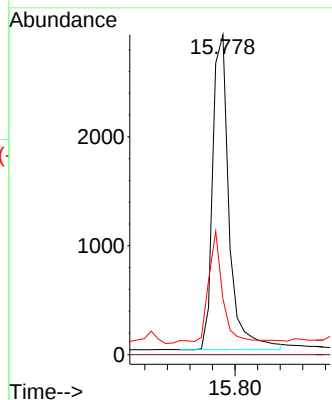
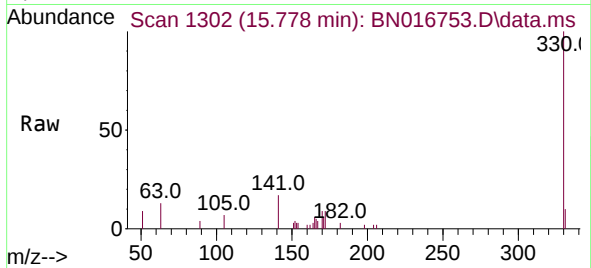




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

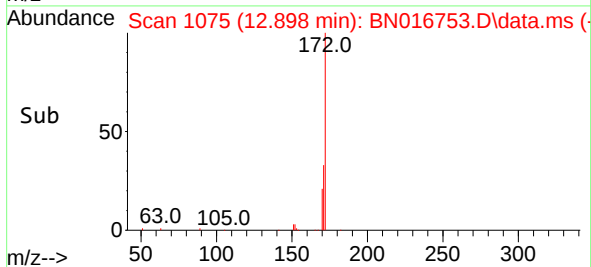
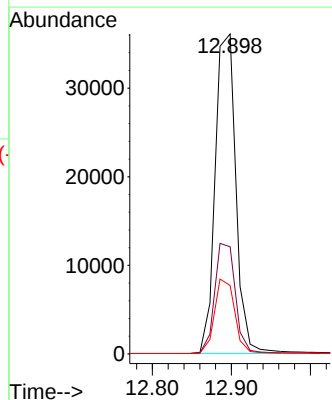
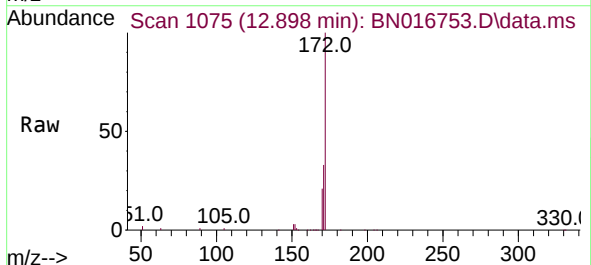
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

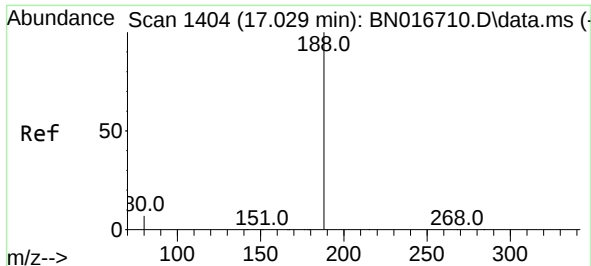
Tgt Ion: 330 Resp: 5857
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.9 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion: 172 Resp: 65654
Ion Ratio Lower Upper
172 100
171 33.5 26.9 40.3
170 21.4 17.4 26.0

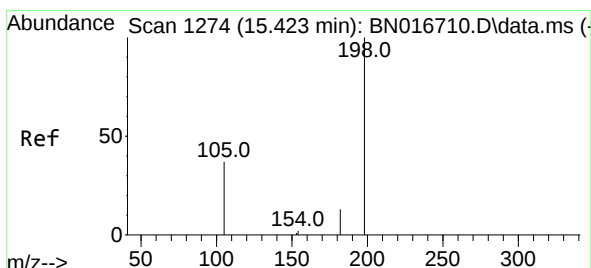
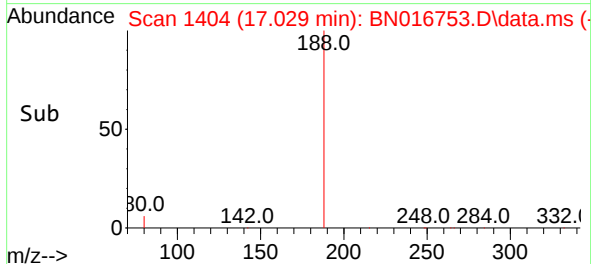
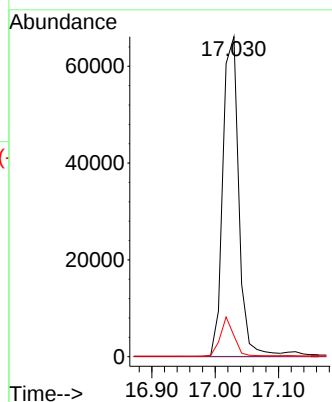
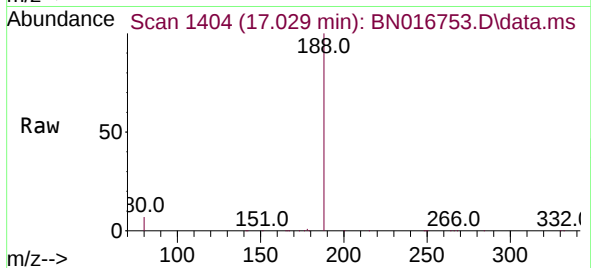




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

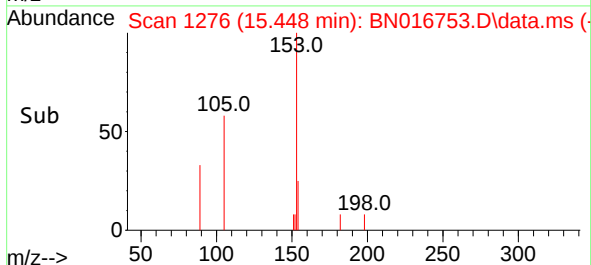
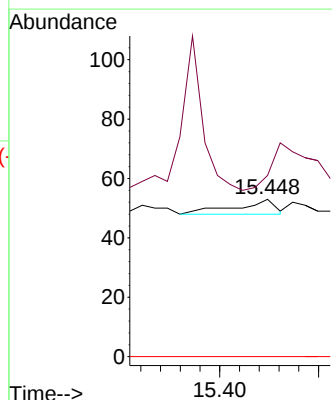
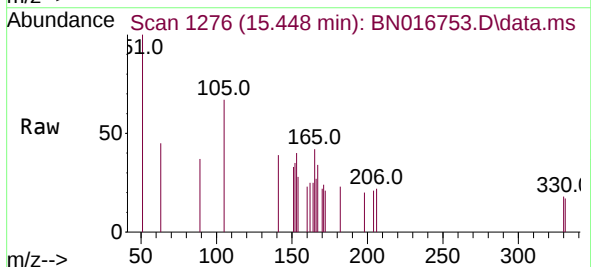
Instrument :
BNA_N
ClientSampleId :
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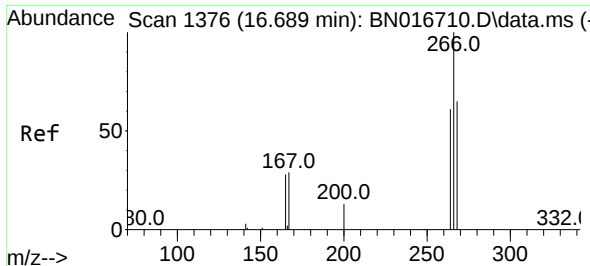
Tgt Ion:188 Resp: 115076
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.448 min Scan# 1276
Delta R.T. 0.025 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 115.1 26.2 39.2#
77 0.0 0.0 0.0

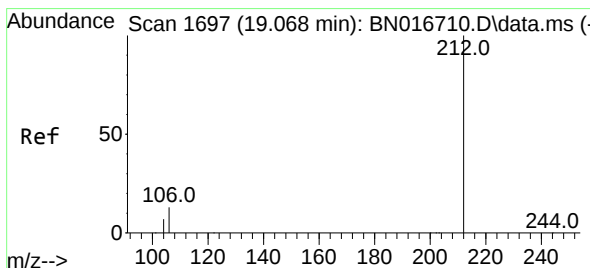
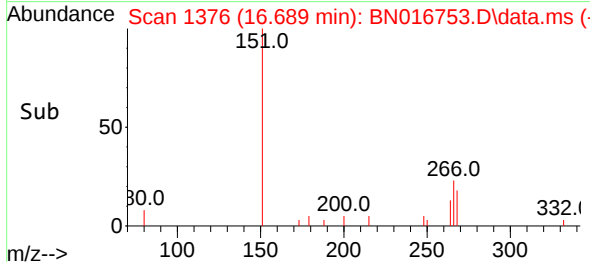
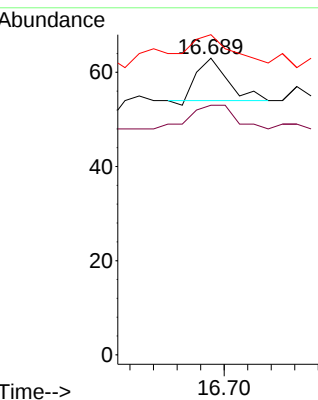
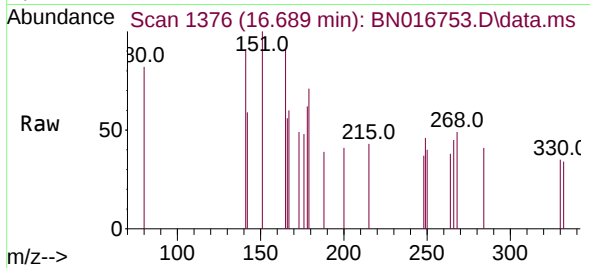




#24
 Pentachlorophenol
 Concen: 0.339 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016753.D
 Acq: 05 Oct 2021 20:37

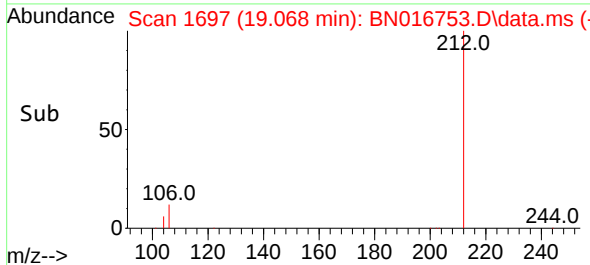
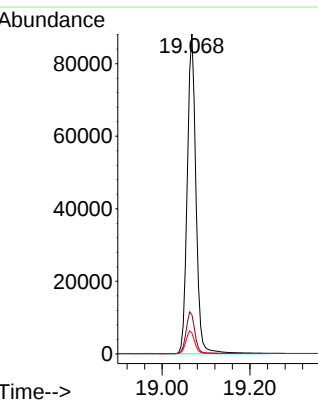
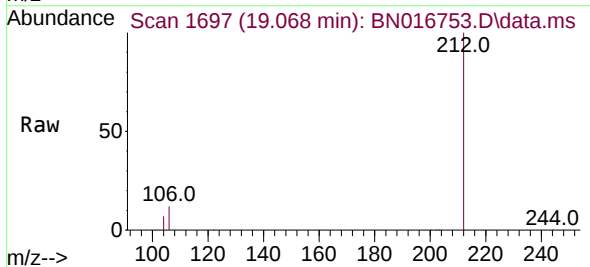
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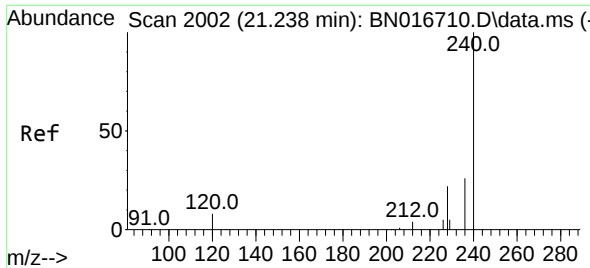
Tgt Ion:	266	Resp:	16
Ion Ratio	Lower	Upper	
266	100		
264	81.3	49.3	73.9#
268	162.5	51.8	77.8#



#27
 Fluoranthene-d10
 Concen: 0.384 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016753.D
 Acq: 05 Oct 2021 20:37

Tgt Ion:	212	Resp:	120827
Ion Ratio	Lower	Upper	
212	100		
106	13.2	10.6	16.0
104	7.3	5.8	8.8

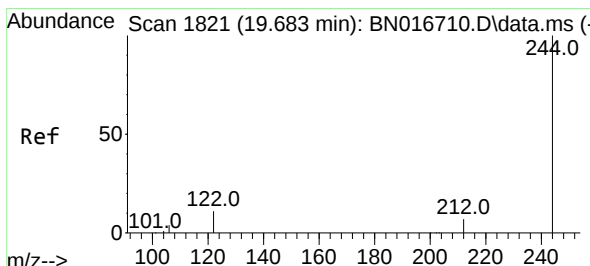
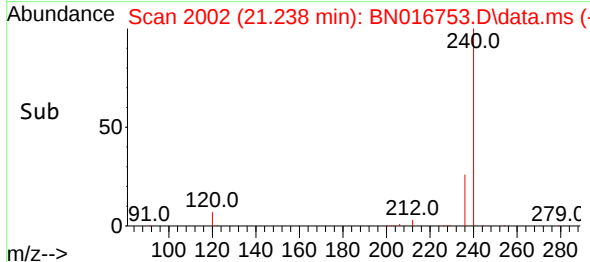
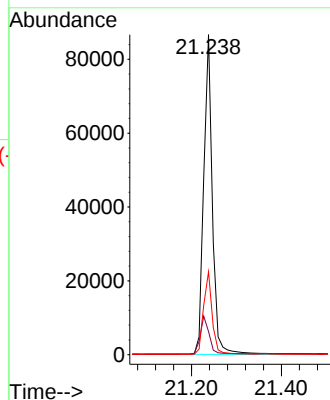
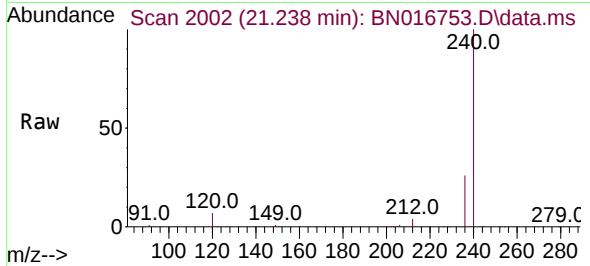




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

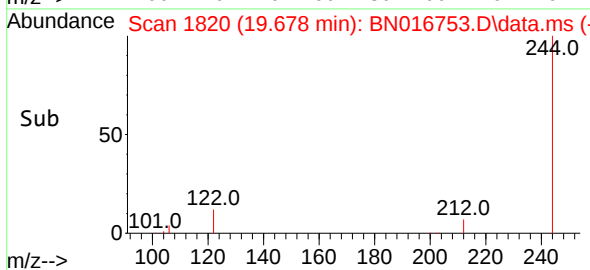
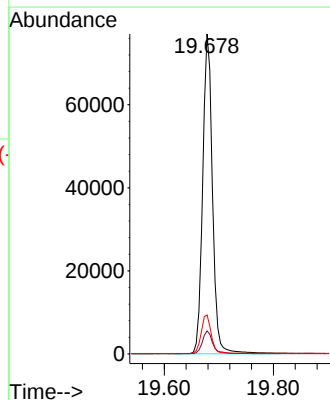
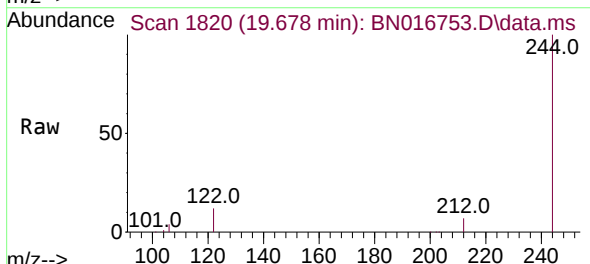
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

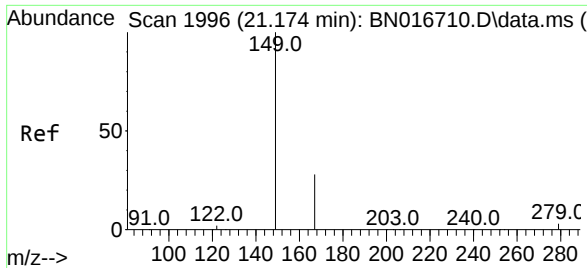
Tgt Ion:240 Resp: 115674
Ion Ratio Lower Upper
240 100
120 7.3 6.6 10.0
236 25.9 20.7 31.1



#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:244 Resp: 96350
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.2 8.9 13.3

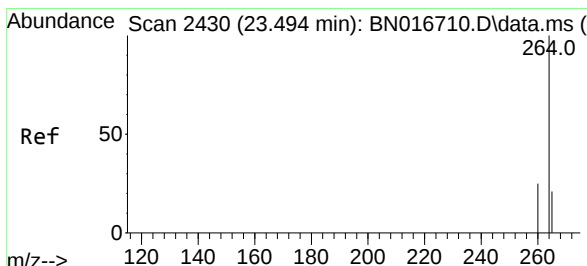
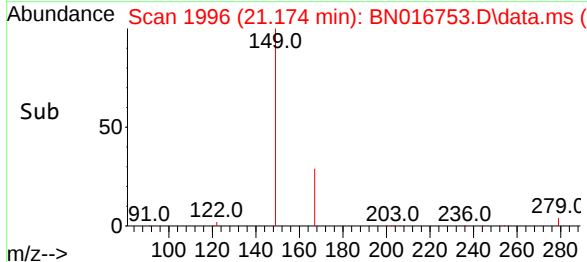
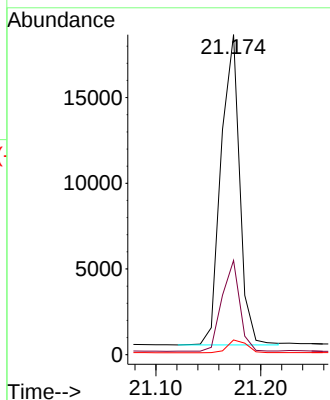
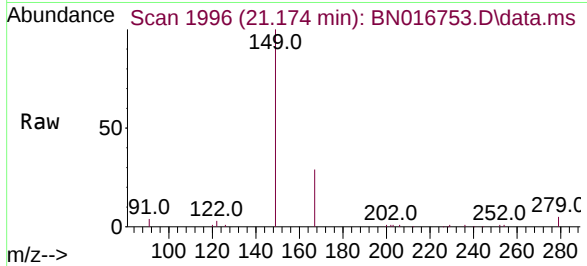




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Instrument :
BNA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:	149	Resp:	22412
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.2	33.4
279	4.2	3.4	5.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016753.D
Acq: 05 Oct 2021 20:37

Tgt Ion:	264	Resp:	123559
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.8	29.6
265	23.2	20.3	30.5

