

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
 Data File : BN016996.D
 Acq On : 18 Oct 2021 20:16
 Operator : CG/JU
 Sample : M4251-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 19 04:12:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 15:14:53 2021
 Response via : Initial Calibration

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

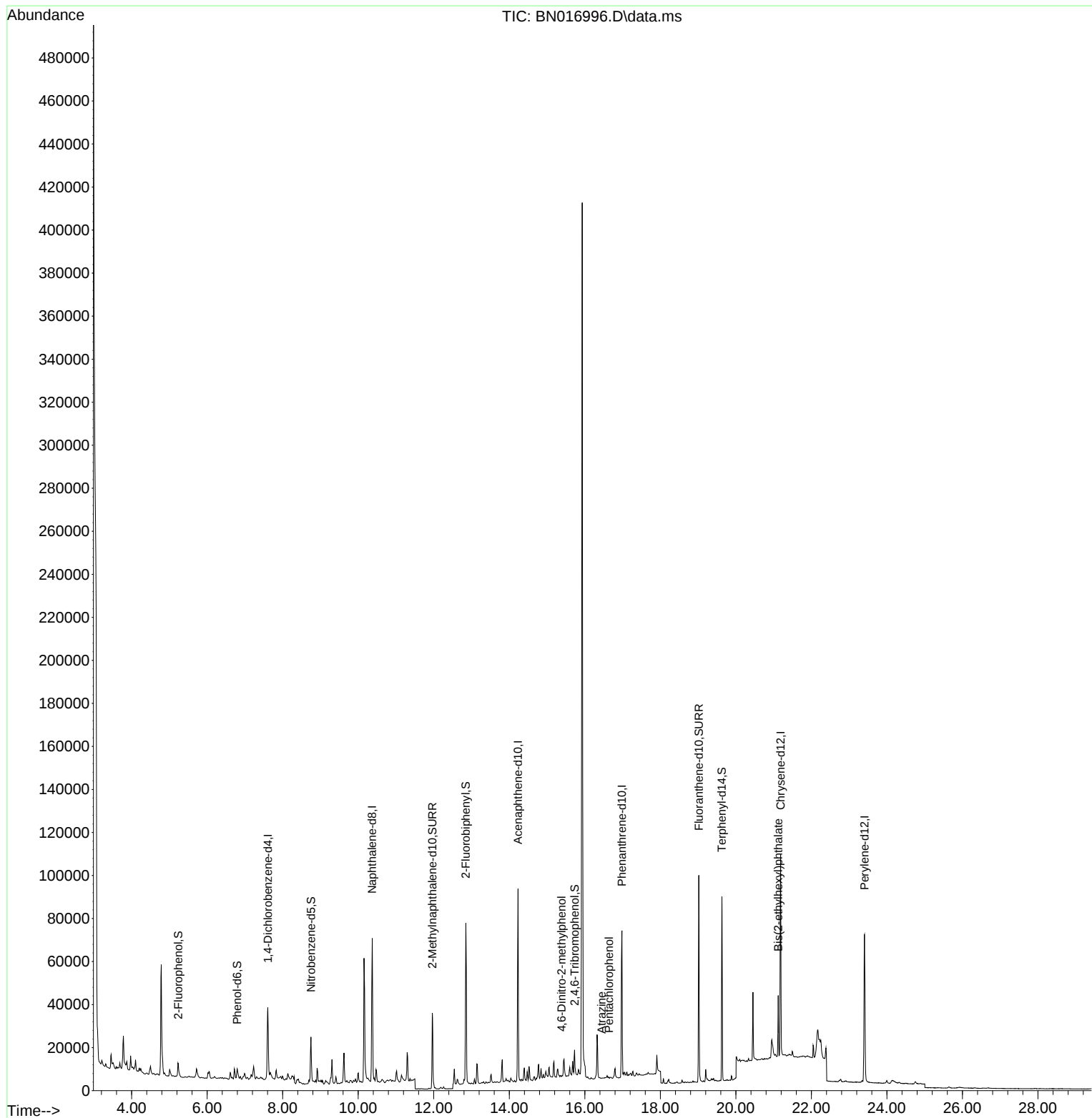
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	19033	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	87848	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	49586	0.400	ng	0.00
19) Phenanthrene-d10	16.982	188	94776	0.400	ng	0.00
29) Chrysene-d12	21.186	240	92606	0.400	ng	0.00
35) Perylene-d12	23.407	264	93416	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.237	112	7381	0.185	ng	0.03
5) Phenol-d6	6.795	99	5025	0.110	ng	0.00
8) Nitrobenzene-d5	8.748	82	19522	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	47261	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	9580	0.490	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	66130	0.356	ng	0.00
27) Fluoranthene-d10	19.019	212	103104	0.435	ng	0.00
31) Terphenyl-d14	19.630	244	84145	0.411	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.386	198	30	0.180	ng	# 1
23) Atrazine	16.447	200	104	0.122	ng	# 1
24) Pentachlorophenol	16.642	266	315	0.249	ng	96
34) Bis(2-ethylhexyl)phtha...	21.122	149	22922	0.337	ng	99

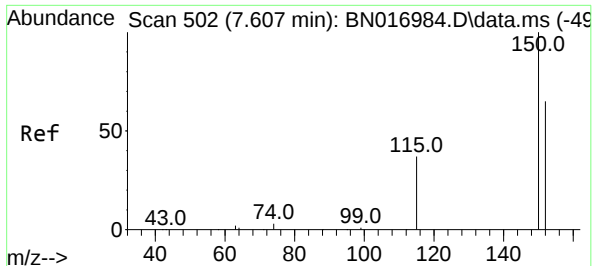
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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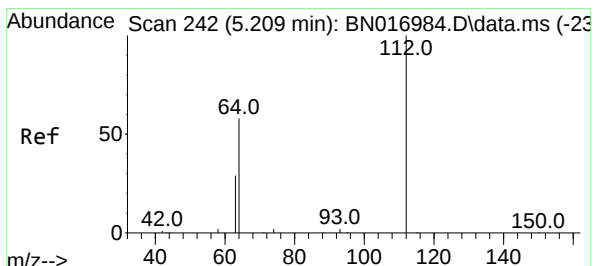
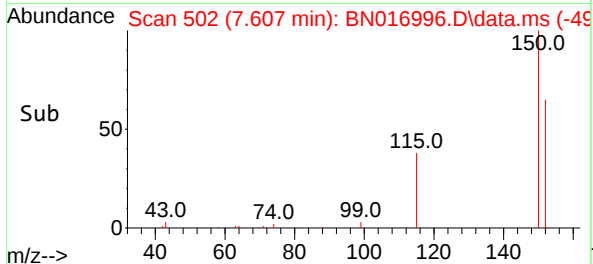
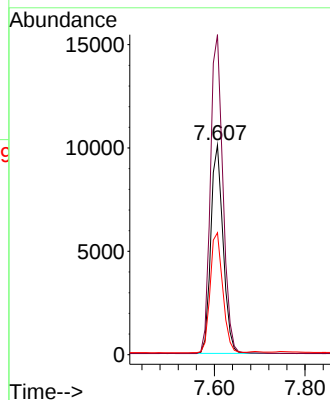
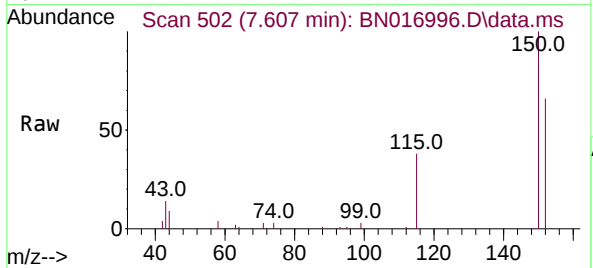




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.607 min Scan# 502
 Delta R.T. -0.000 min
 Lab File: BN016996.D
 Acq: 18 Oct 2021 20:16

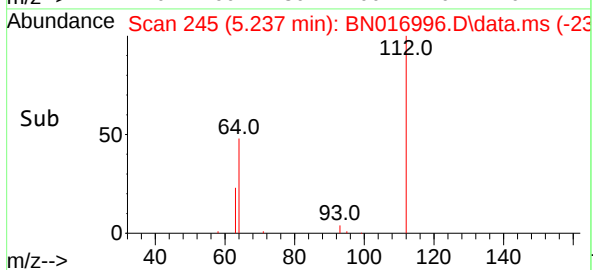
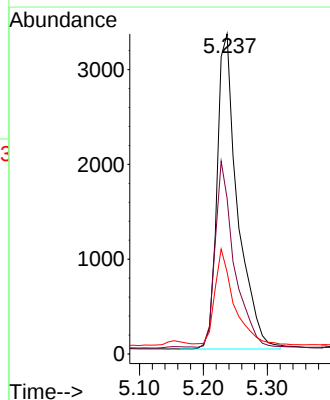
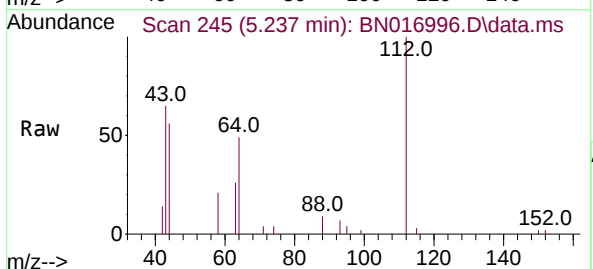
Instrument :
 BNA_N
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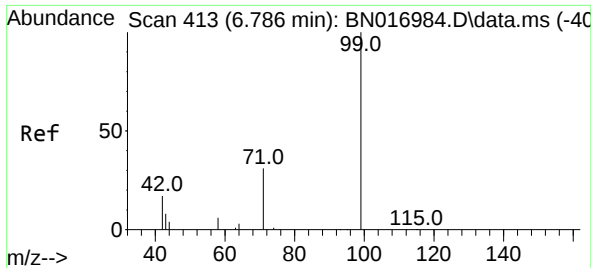
Tgt Ion:152 Resp: 19033
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.0 184.4
 115 58.2 46.3 69.5



#4
 2-Fluorophenol
 Concen: 0.185 ng
 RT: 5.237 min Scan# 245
 Delta R.T. 0.028 min
 Lab File: BN016996.D
 Acq: 18 Oct 2021 20:16

Tgt Ion:112 Resp: 7381
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.5 68.3
 63 28.0 23.0 34.6

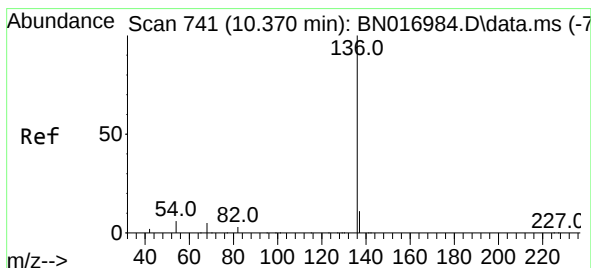
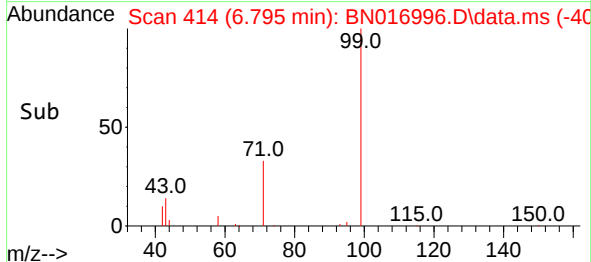
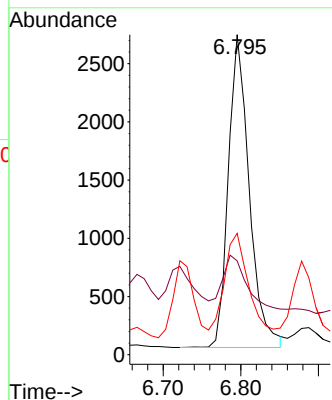
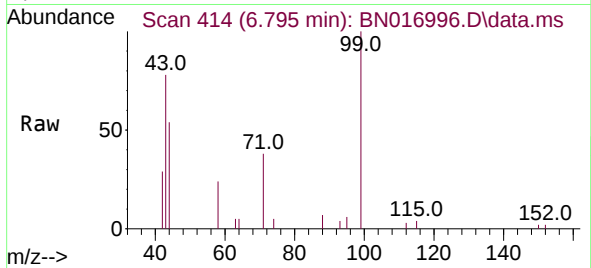




#5
Phenol-d6
Concen: 0.110 ng
RT: 6.795 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

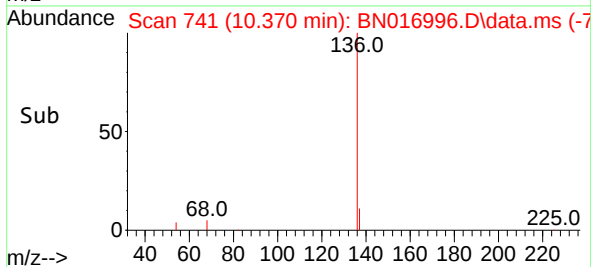
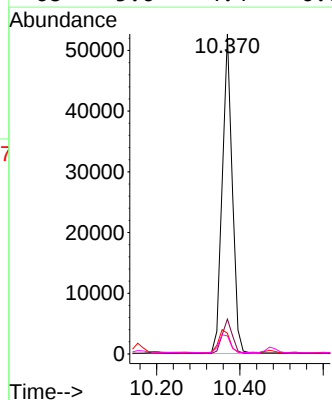
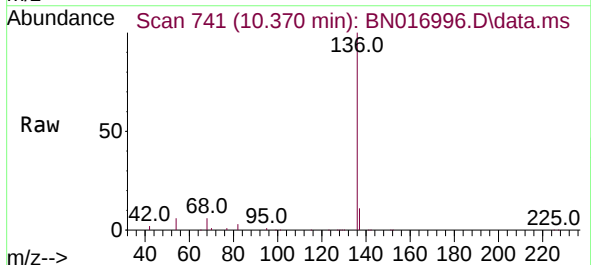
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

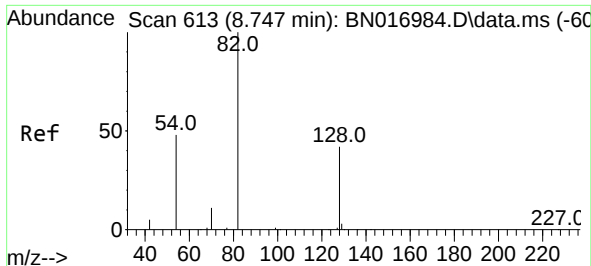
Tgt Ion: 99 Resp: 5025
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 32.8 24.8 37.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion: 136 Resp: 87848
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.2 7.8
68 5.6 4.4 6.6

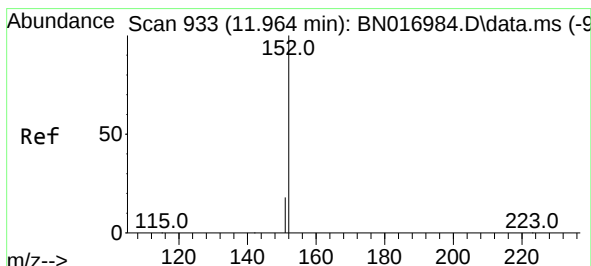
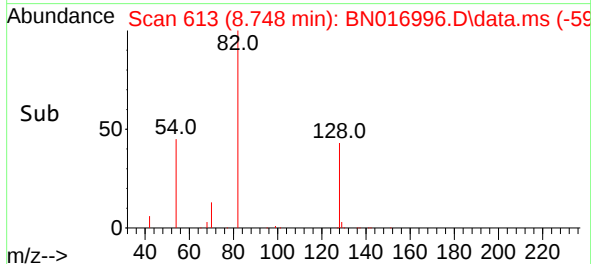
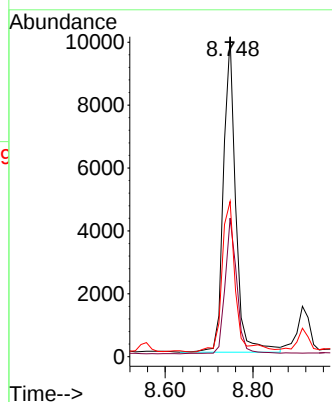
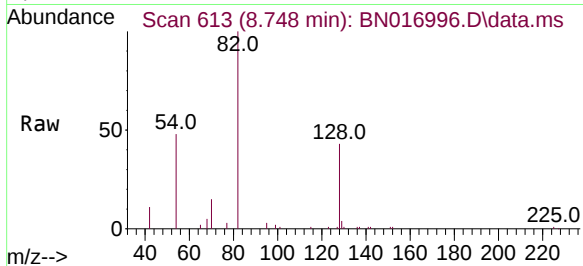




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

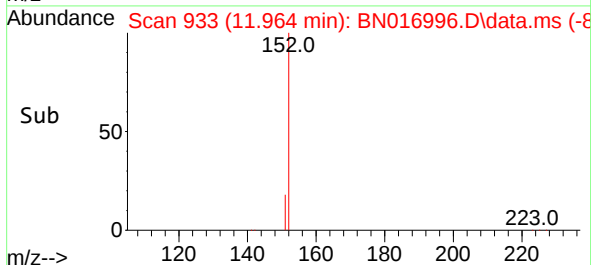
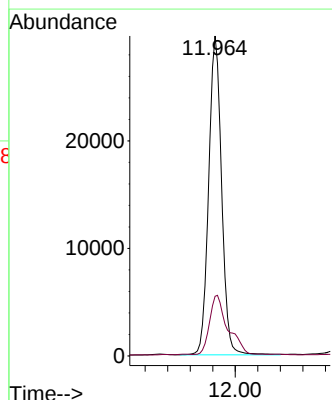
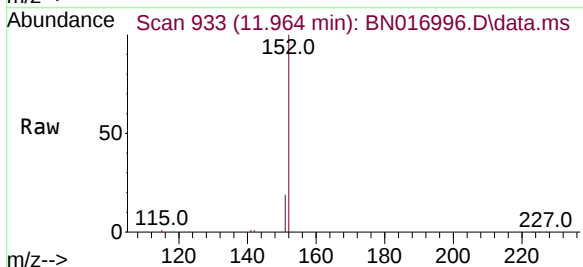
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

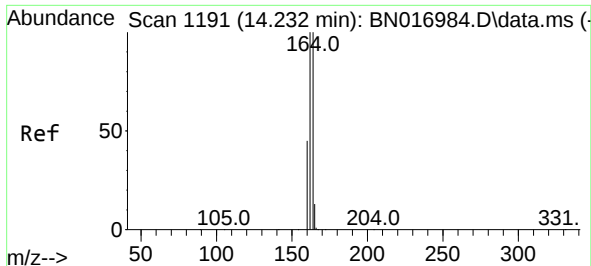
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.9	50.9
54	48.5	38.3	57.5



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.3	24.5

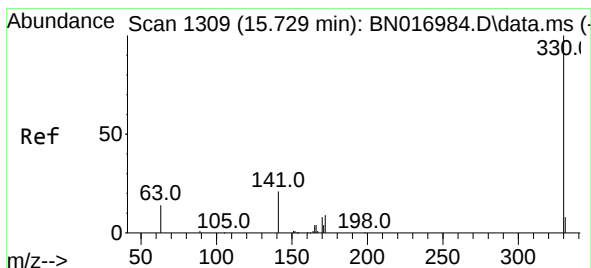
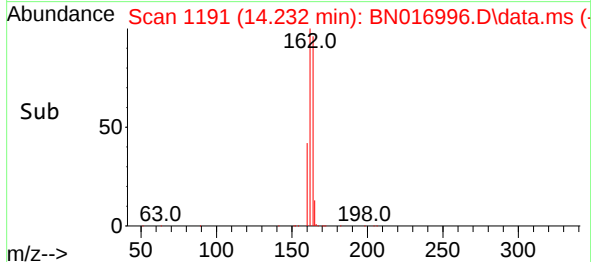
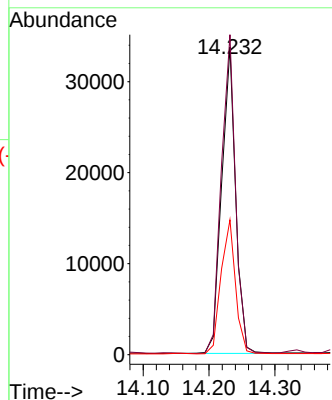
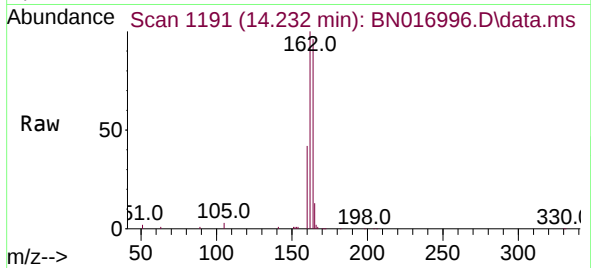




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

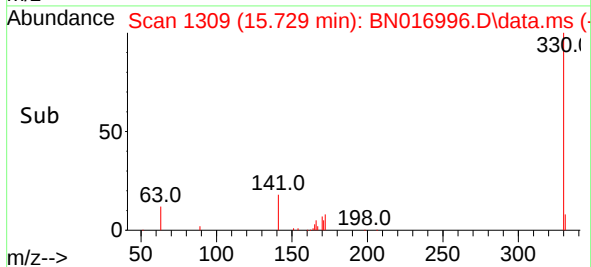
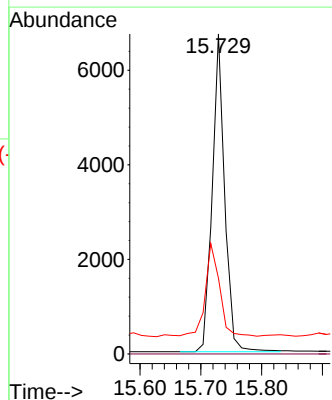
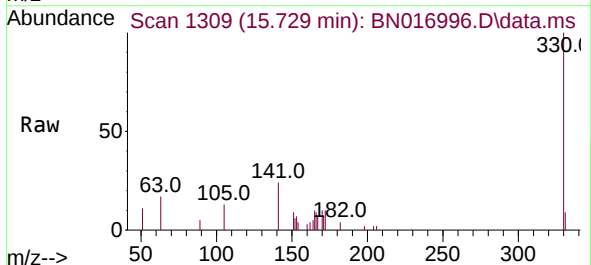
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

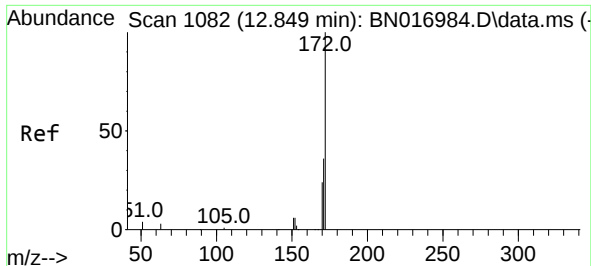
Tgt Ion:164 Resp: 49586
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 43.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.490 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion:330 Resp: 9580
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.9 25.6 38.4

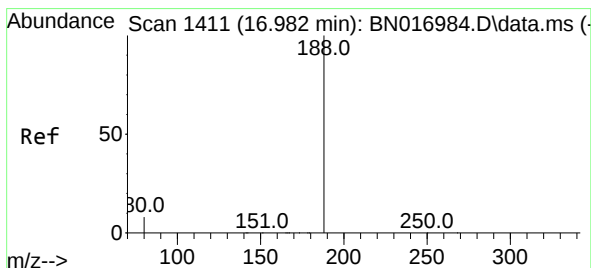
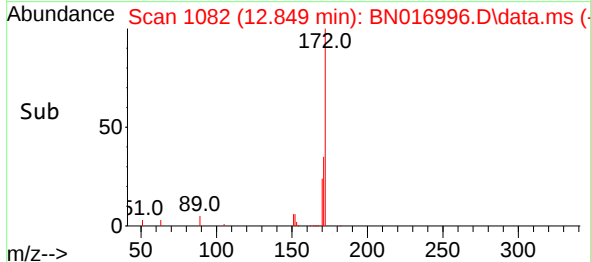
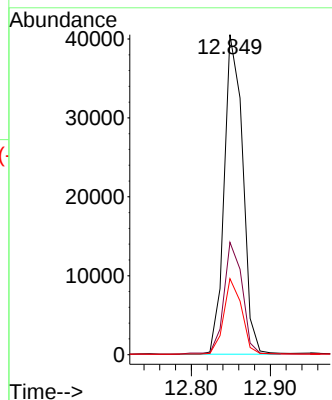
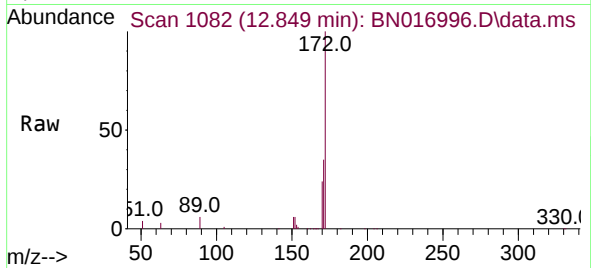




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

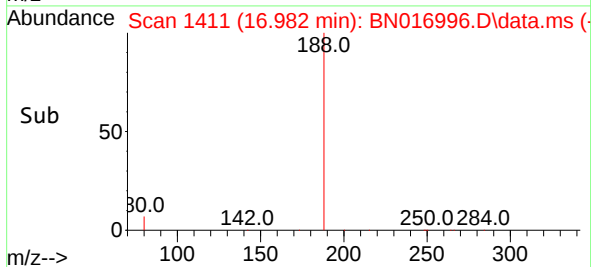
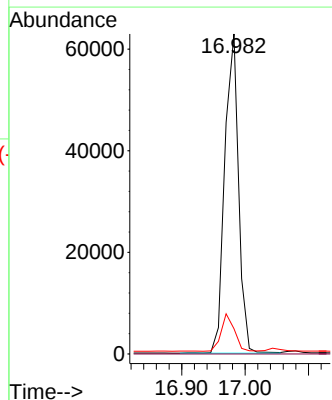
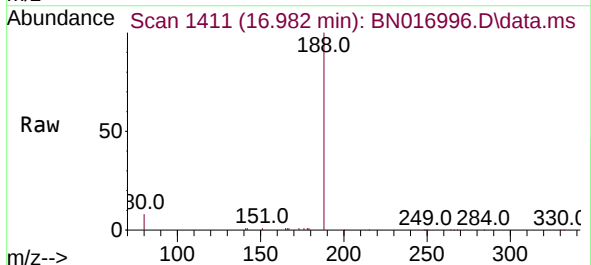
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ClientSampleId :
P287-DITCH

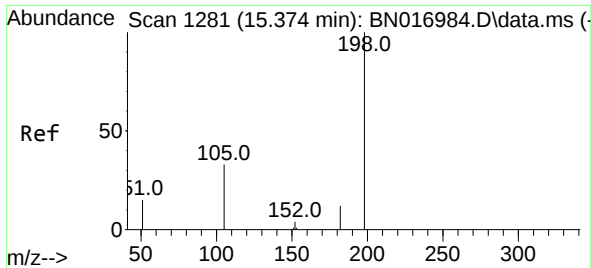
Tgt Ion:172 Resp: 66130
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.7 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.982 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion:188 Resp: 94776
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.2 9.4

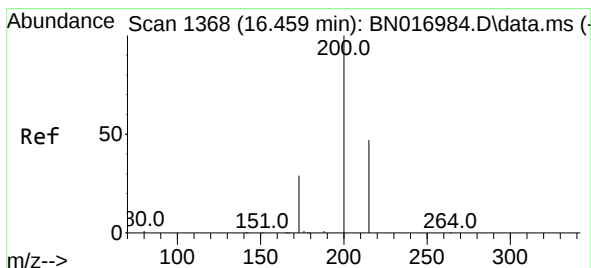
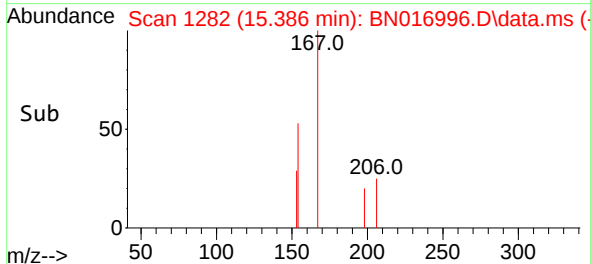
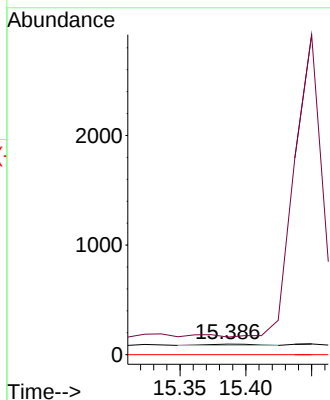
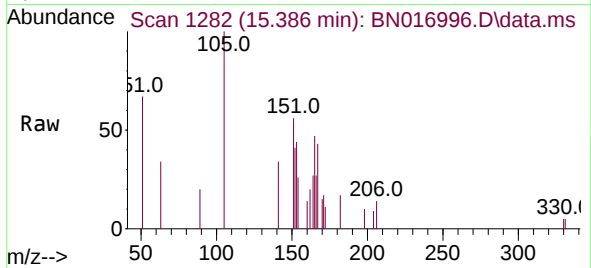




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.386 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

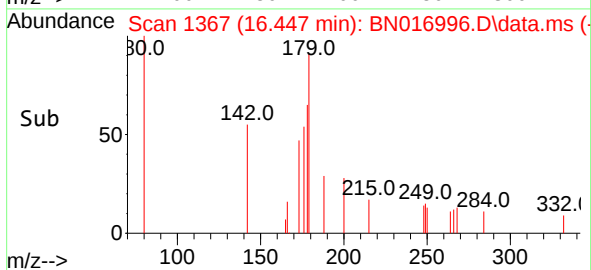
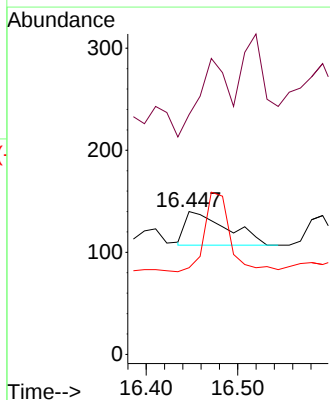
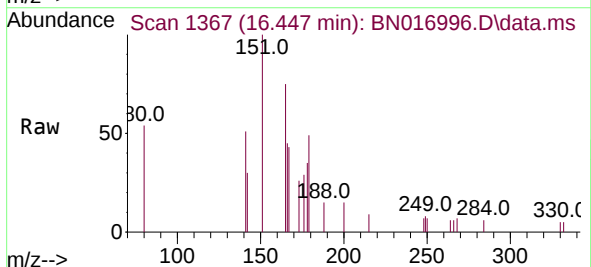
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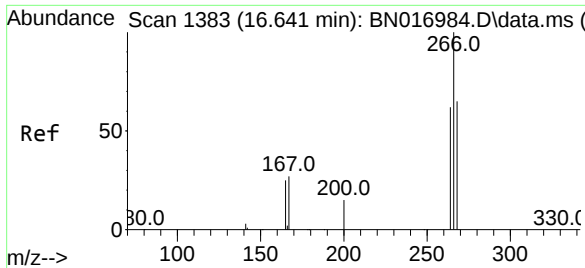
Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
182 166.7 12.5 18.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.122 ng
RT: 16.447 min Scan# 1367
Delta R.T. -0.012 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion:200 Resp: 104
Ion Ratio Lower Upper
200 100
173 167.9 23.5 35.3#
215 60.7 37.9 56.9#

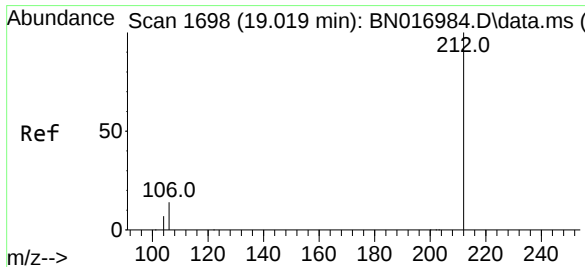
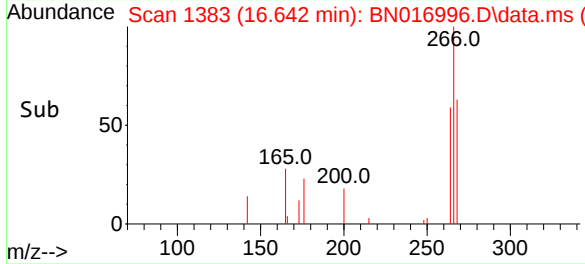
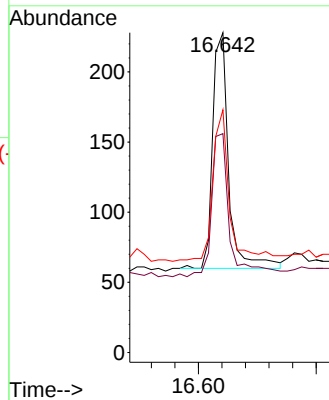
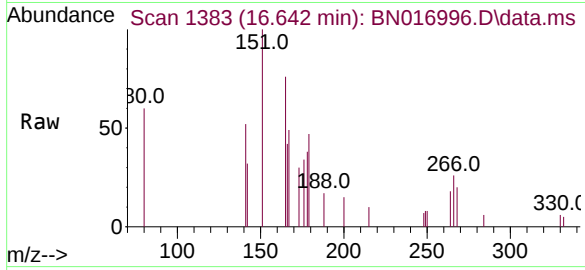




#24
 Pentachlorophenol
 Concen: 0.249 ng
 RT: 16.642 min Scan# 1383
 Delta R.T. 0.001 min
 Lab File: BN016996.D
 Acq: 18 Oct 2021 20:16

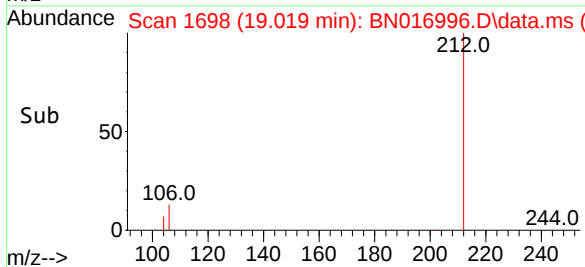
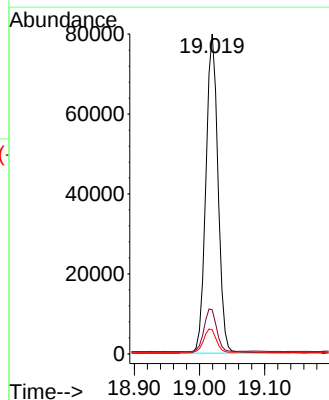
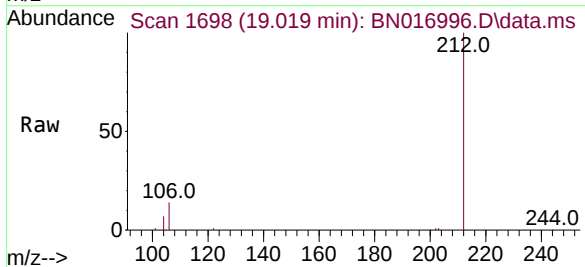
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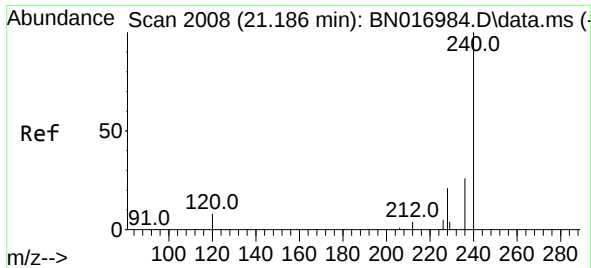
Tgt Ion:	266	Resp:	315
Ion Ratio	Lower	Upper	
266	100		
264	68.6	50.0	75.0
268	64.4	50.9	76.3



#27
 Fluoranthene-d10
 Concen: 0.435 ng
 RT: 19.019 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN016996.D
 Acq: 18 Oct 2021 20:16

Tgt Ion:	212	Resp:	103104
Ion Ratio	Lower	Upper	
212	100		
106	13.8	11.0	16.4
104	7.6	6.0	9.0

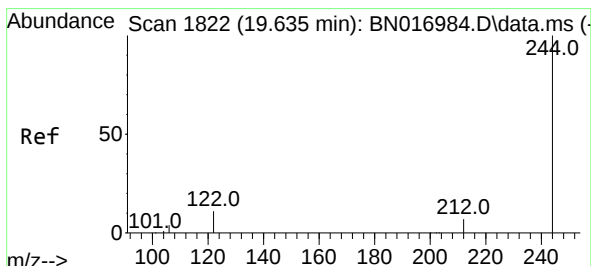
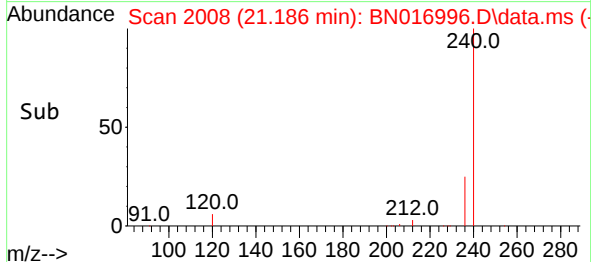
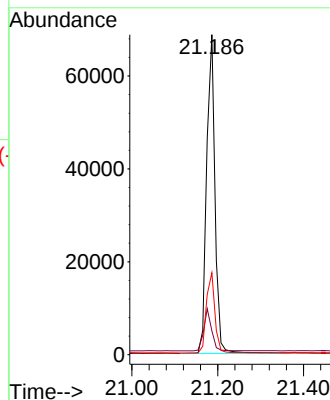
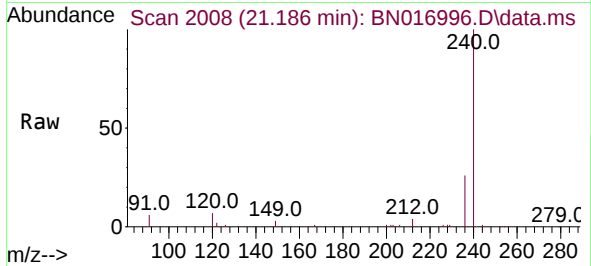




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

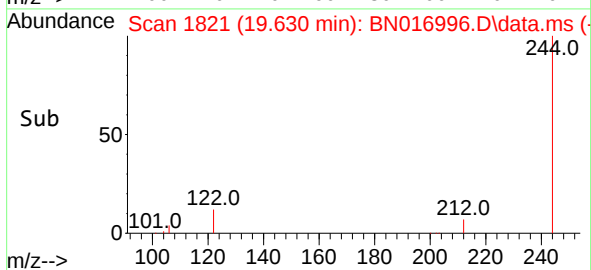
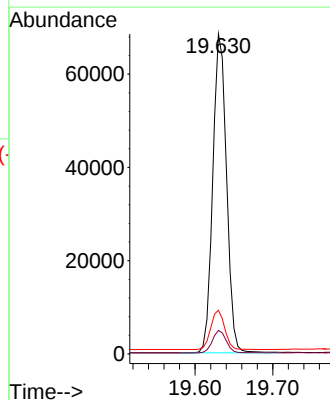
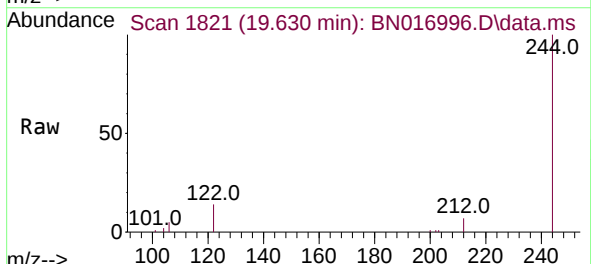
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

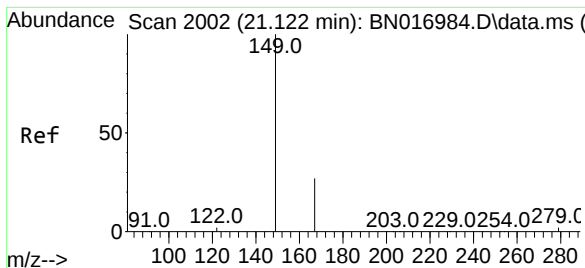
Tgt Ion:240 Resp: 92606
Ion Ratio Lower Upper
240 100
120 7.5 6.4 9.6
236 25.6 20.6 31.0



#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.630 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion:244 Resp: 84145
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 13.7 9.0 13.6#

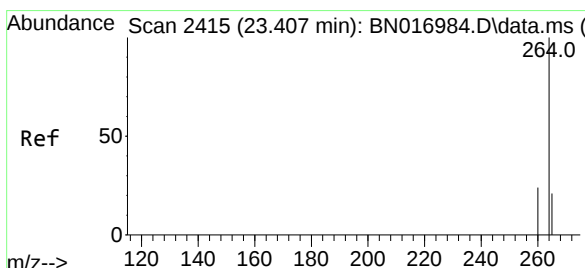
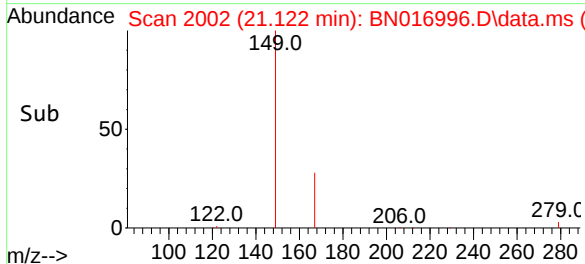
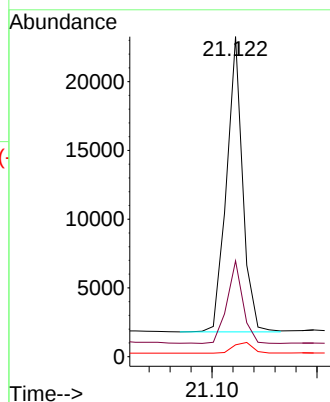
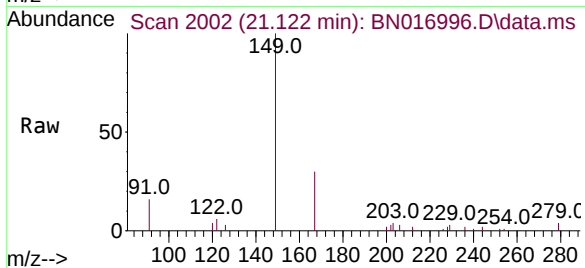




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.122 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:149 Resp: 22922
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 4.4 3.4 5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.407 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN016996.D
Acq: 18 Oct 2021 20:16

Tgt Ion:264 Resp: 93416
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 23.7 18.3 27.5

