

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016916.D
 Acq On : 13 Oct 2021 02:37
 Operator : CG/JU
 Sample : M4170-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 13 06:19:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

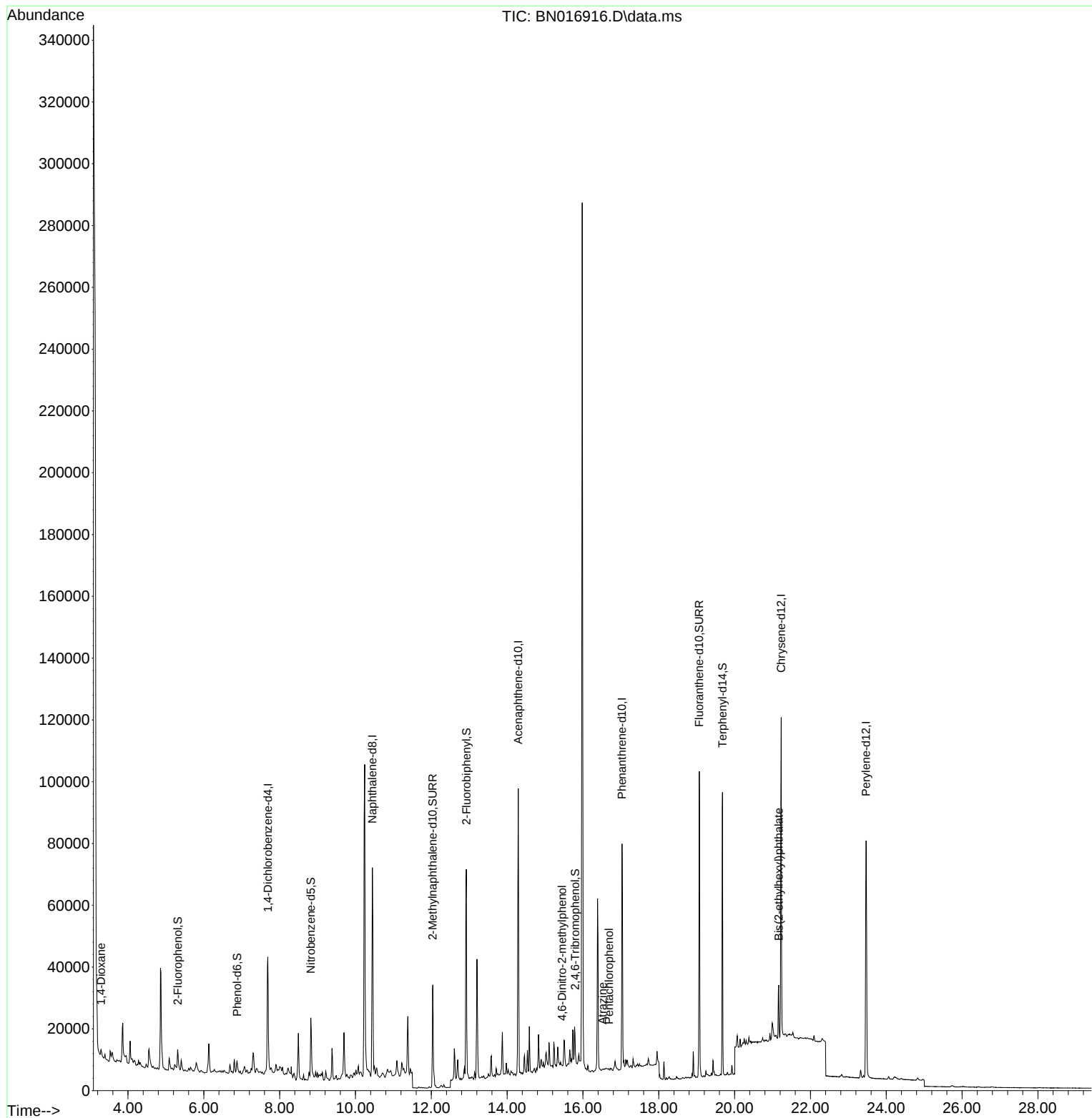
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	20912	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	94082	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52413	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	99178	0.400	ng	#-0.01
29) Chrysene-d12	21.228	240	98638	0.400	ng	# 0.00
35) Perylene-d12	23.467	264	102952	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7409	0.156	ng	0.02
5) Phenol-d6	6.877	99	4861	0.092	ng	0.00
8) Nitrobenzene-d5	8.823	82	18850	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	44994	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	10407	0.438	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	61799	0.311	ng	0.00
27) Fluoranthene-d10	19.068	212	107256	0.431	ng	0.00
31) Terphenyl-d14	19.679	244	89413	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	403	0.029	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	46	0.200	ng	# 1
23) Atrazine	16.519	200	220	0.094	ng	# 1
24) Pentachlorophenol	16.689	266	200	0.204	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	17391	0.284	ng	99

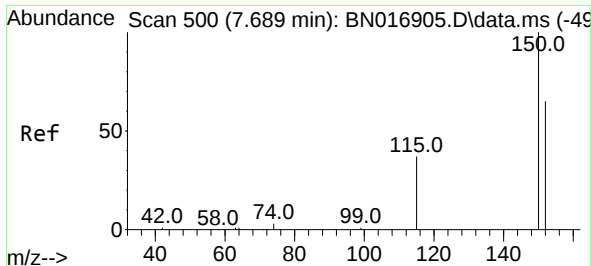
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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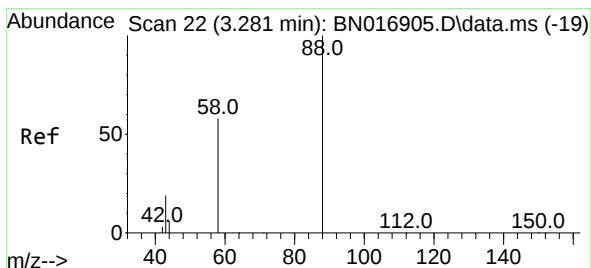
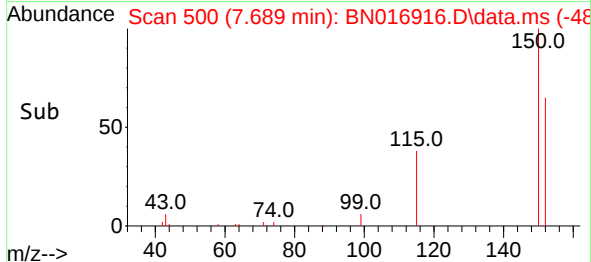
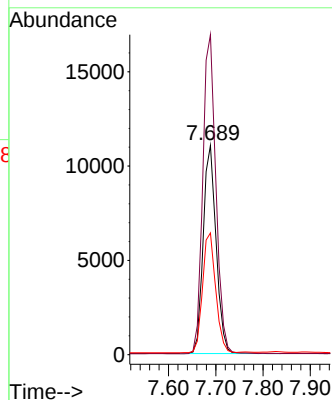
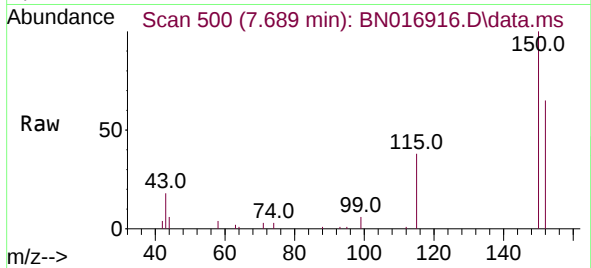




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. -0.000 min
 Lab File: BN016916.D
 Acq: 13 Oct 2021 02:37

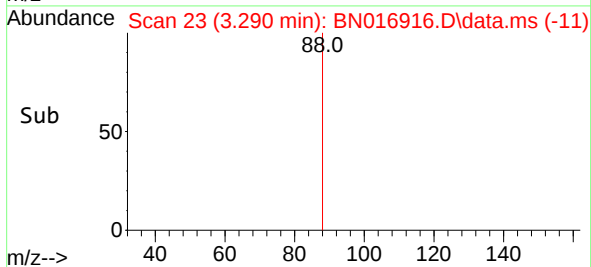
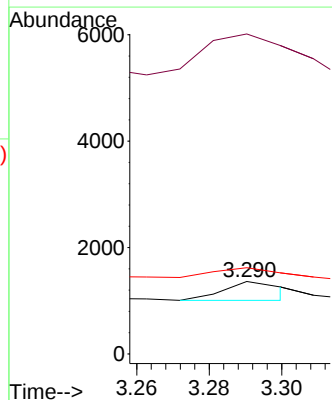
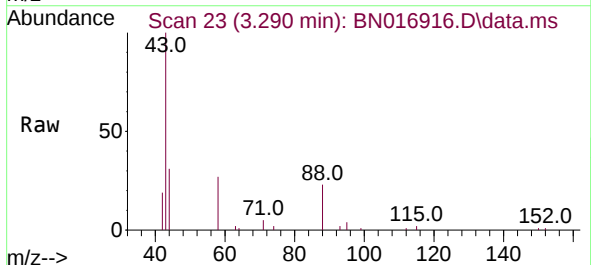
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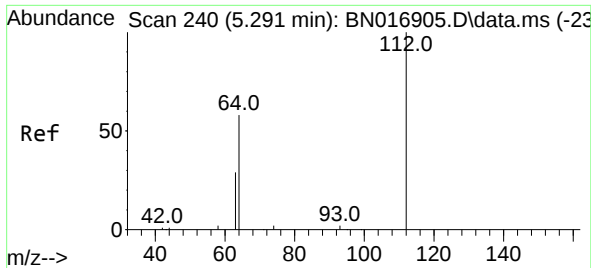
Tgt Ion:152 Resp: 20912
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.6 183.8
 115 58.2 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016916.D
 Acq: 13 Oct 2021 02:37

Tgt Ion: 88 Resp: 403
 Ion Ratio Lower Upper
 88 100
 43 285.6 24.3 36.5#
 58 51.6 65.2 97.8#

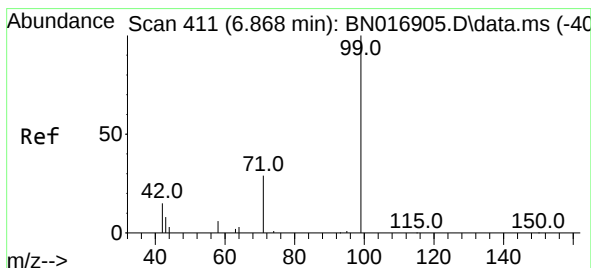
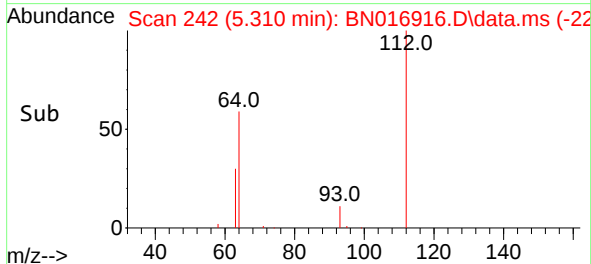
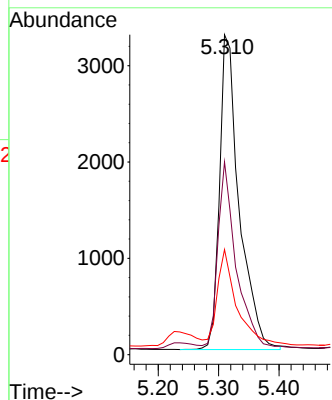
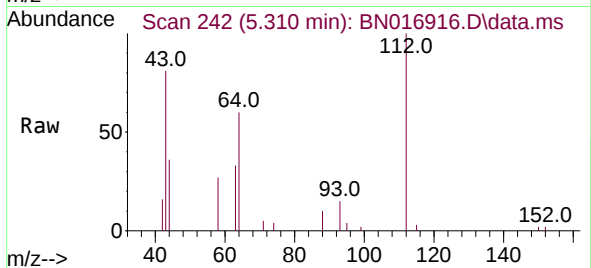




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

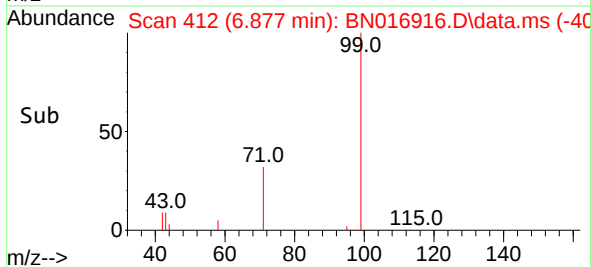
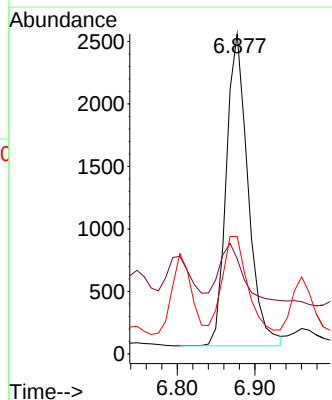
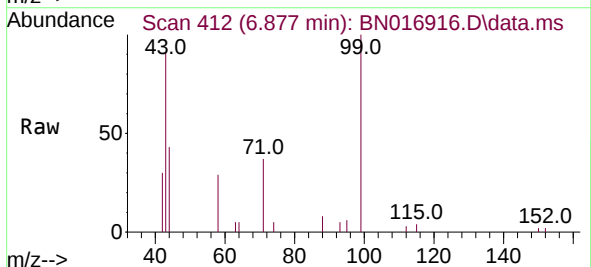
Instrument :
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ClientSampleId :
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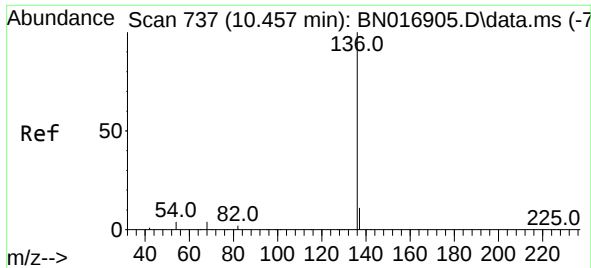
Tgt Ion:	112	Resp:	7409
Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.0	67.4
63	27.4	22.6	33.8



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:	99	Resp:	4861
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.2	21.4
71	33.5	24.5	36.7

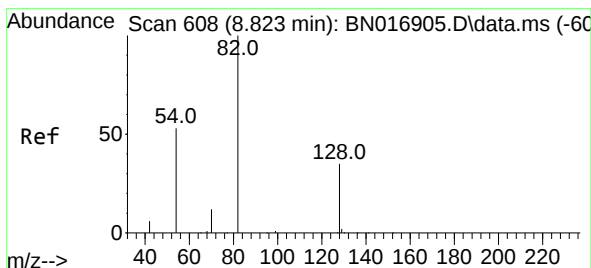
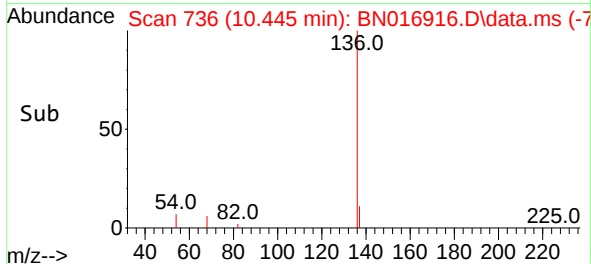
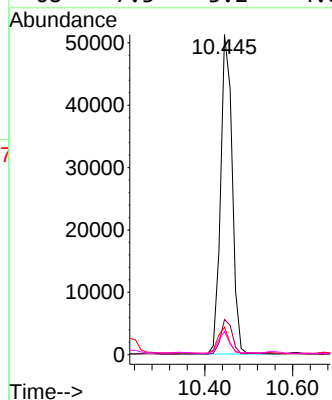
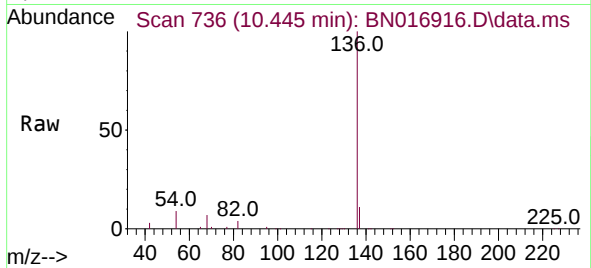




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

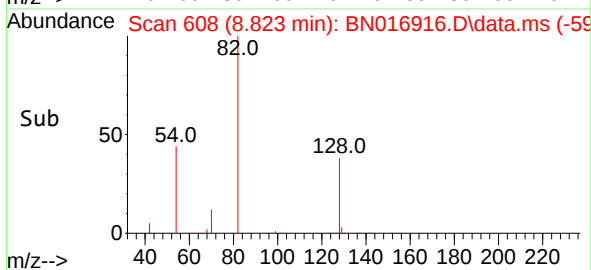
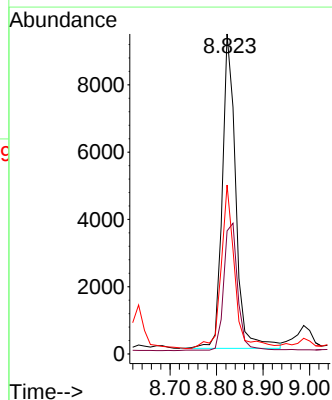
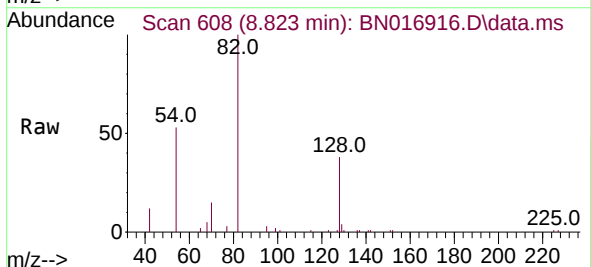
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

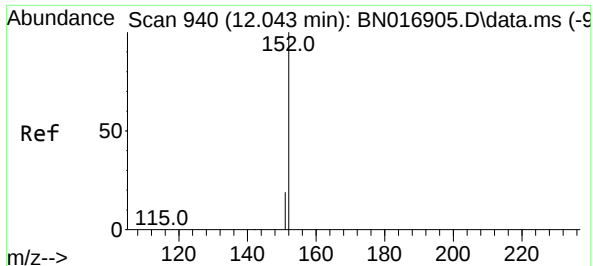
Tgt Ion:136	Resp:	94082
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	8.6	3.7 5.5#
68	7.3	3.2 4.8#



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.823 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion: 82	Resp:	18850
Ion Ratio	Lower	Upper
82	100	
128	38.4	28.3 42.5
54	52.8	43.0 64.4

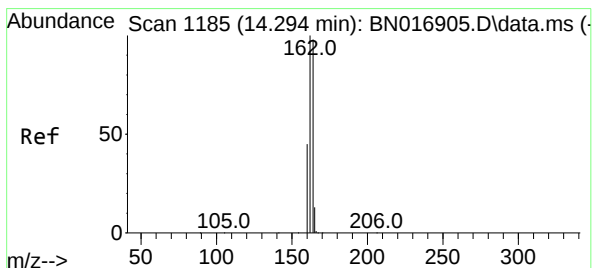
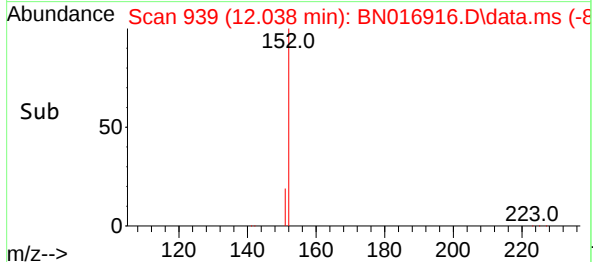
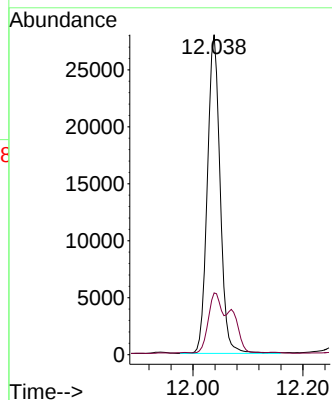
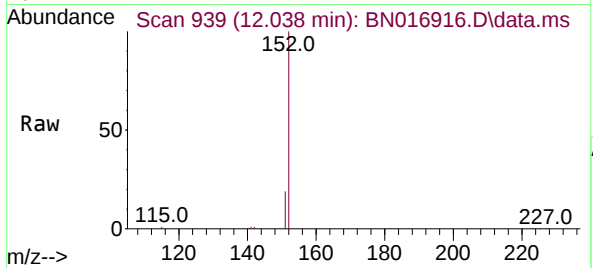




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.004 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

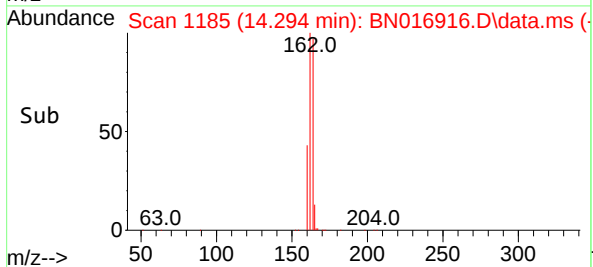
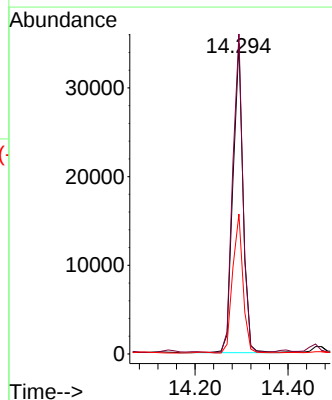
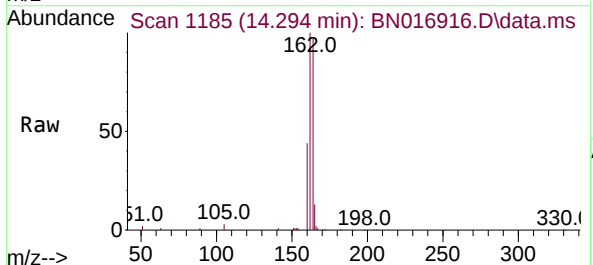
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

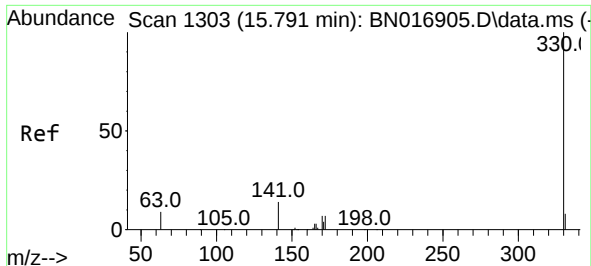
Tgt Ion:152 Resp: 44994
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:164 Resp: 52413
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.0 37.0 55.4

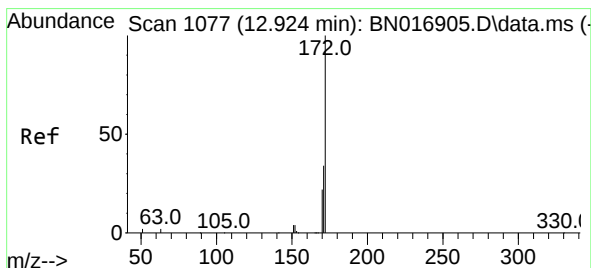
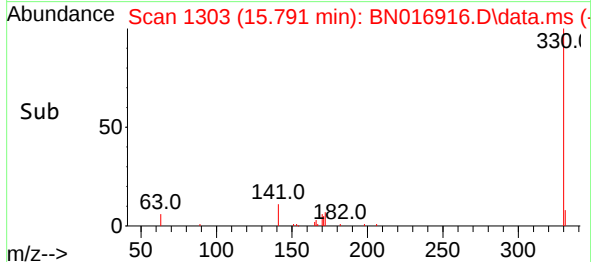
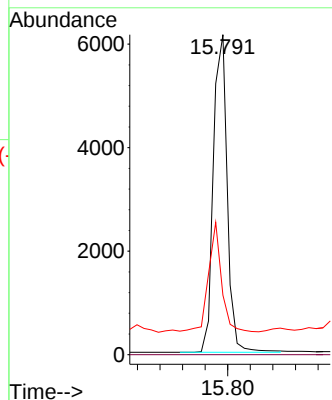
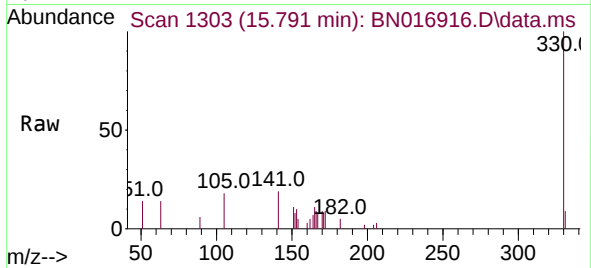




#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

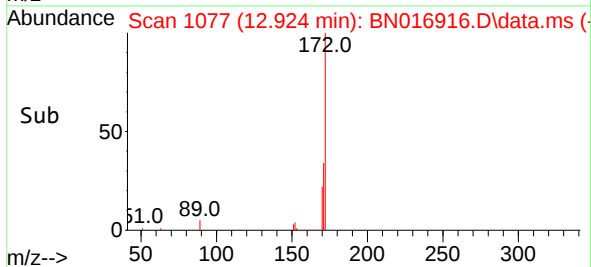
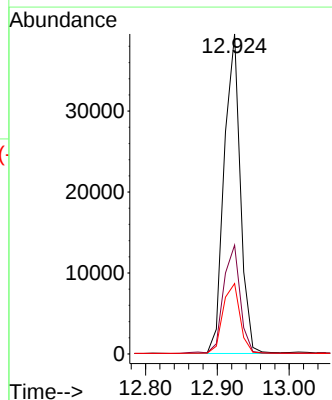
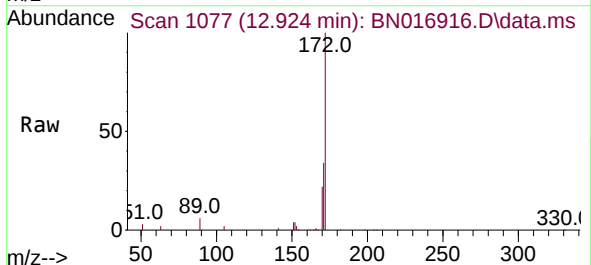
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ClientSampleId :
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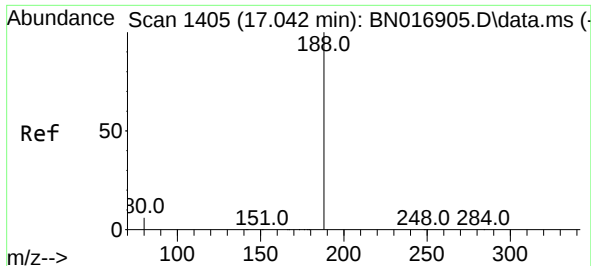
Tgt Ion:330 Resp: 10407
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.0 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:172 Resp: 61799
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 22.0 18.1 27.1

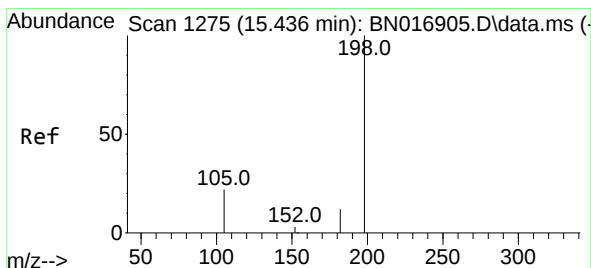
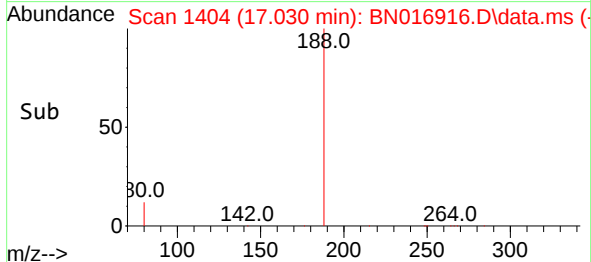
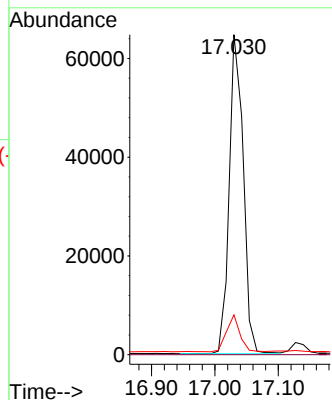
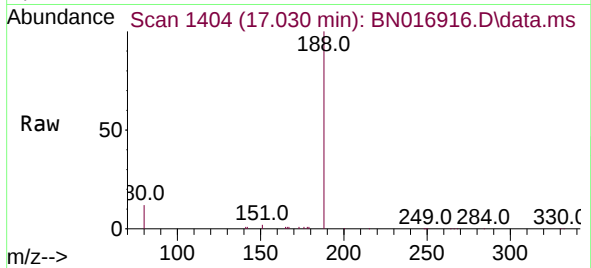




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

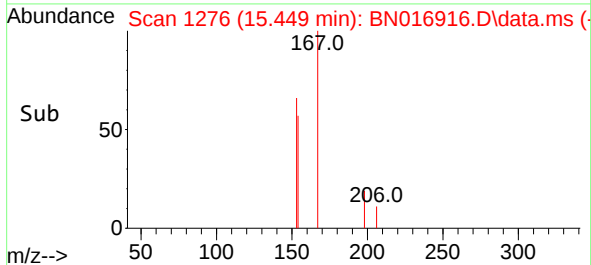
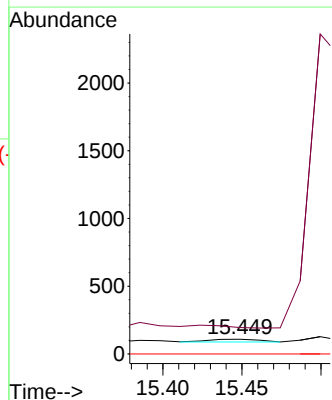
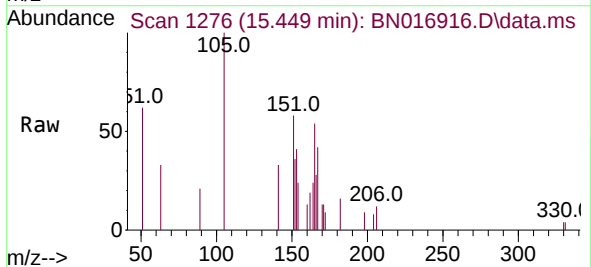
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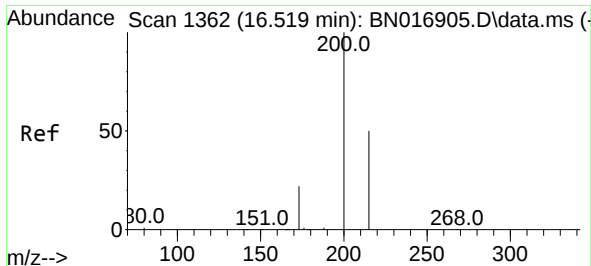
Tgt Ion:188 Resp: 99178
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
182 178.9 11.0 16.6#
77 0.0 0.0 0.0

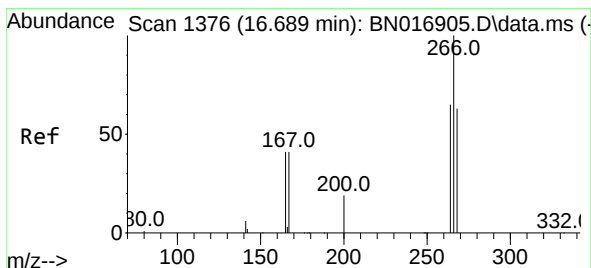
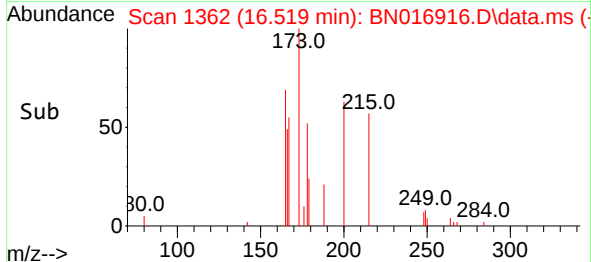
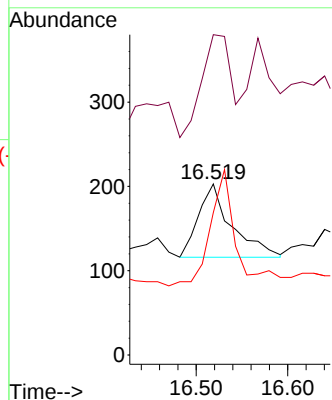
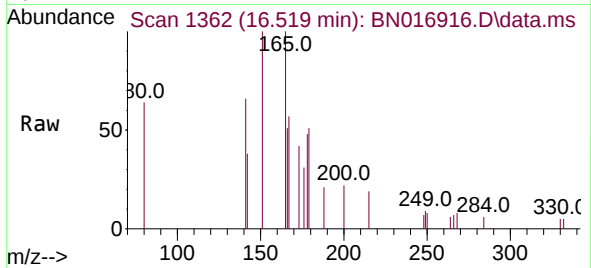




#23
Atrazine
Concen: 0.094 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

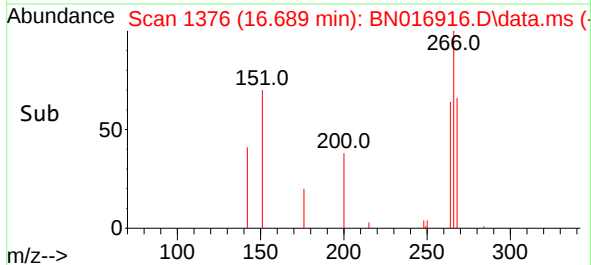
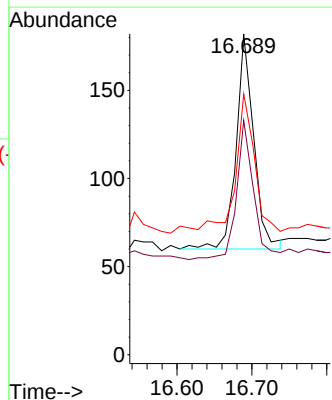
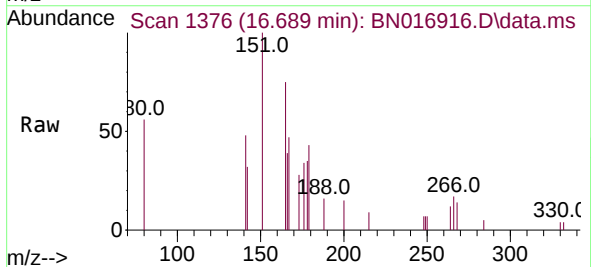
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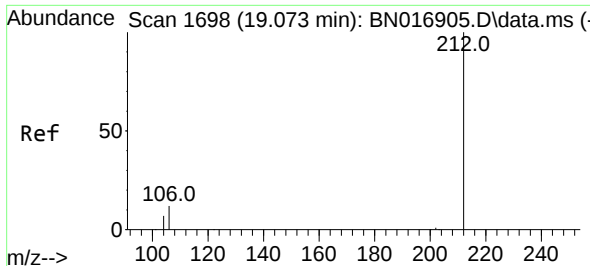
Tgt Ion:200 Resp: 220
Ion Ratio Lower Upper
200 100
173 187.2 18.0 27.0#
215 83.3 40.0 60.0#



#24
Pentachlorophenol
Concen: 0.204 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:266 Resp: 200
Ion Ratio Lower Upper
266 100
264 63.0 50.5 75.7
268 66.0 51.2 76.8

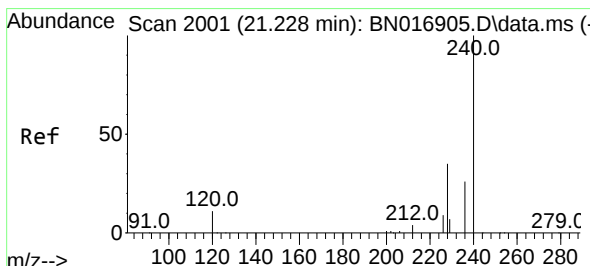
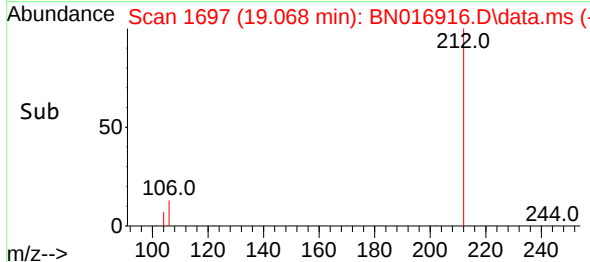
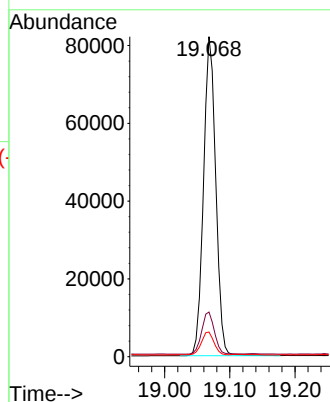
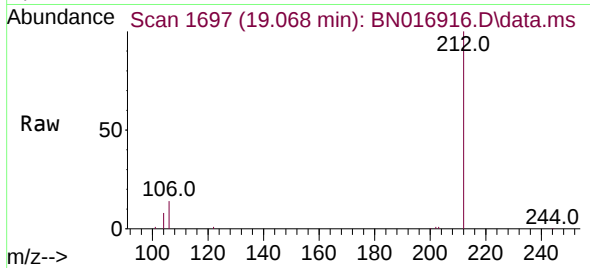




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

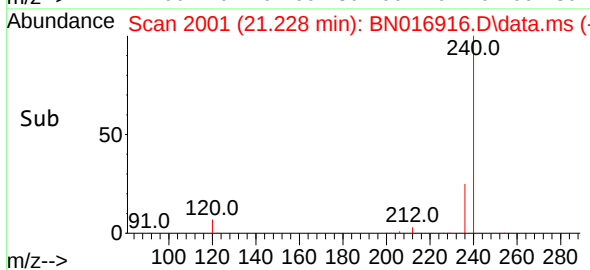
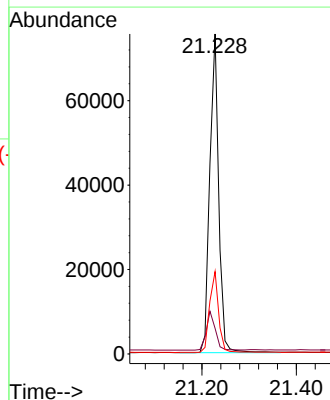
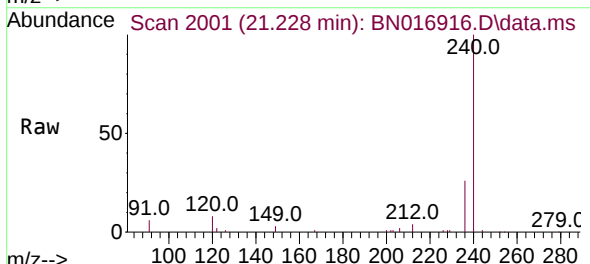
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

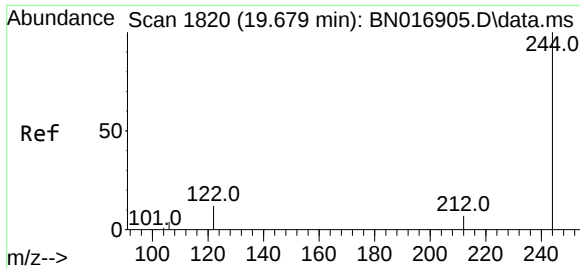
Tgt Ion:212 Resp: 107256
Ion Ratio Lower Upper
212 100
106 13.6 10.7 16.1
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016916.D
Acq: 13 Oct 2021 02:37

Tgt Ion:240 Resp: 98638
Ion Ratio Lower Upper
240 100
120 8.0 8.6 12.8#
236 25.7 21.0 31.4

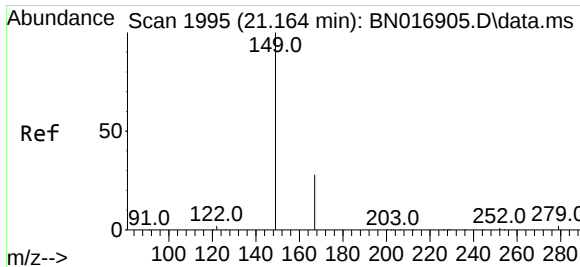
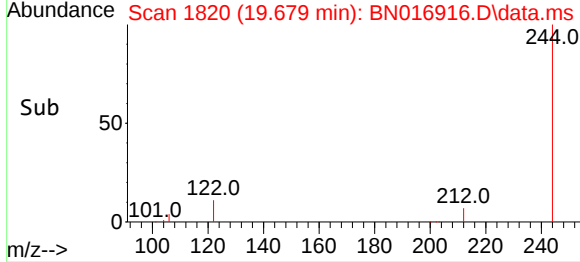
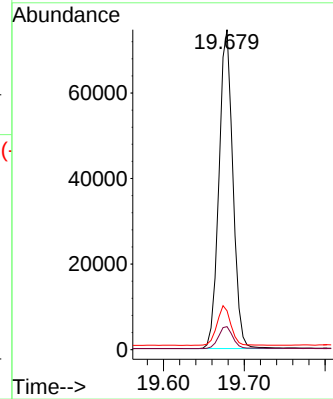
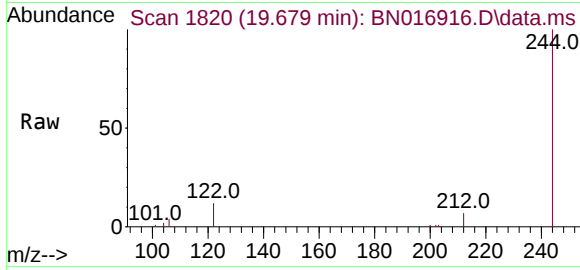




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016916.D
 Acq: 13 Oct 2021 02:37

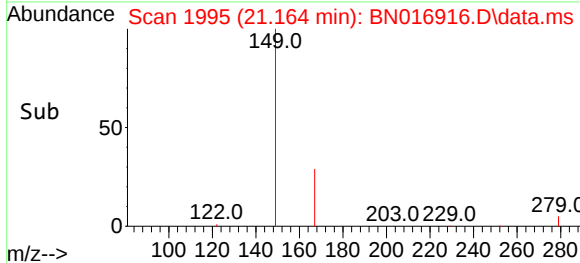
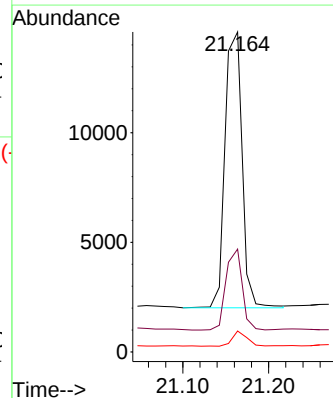
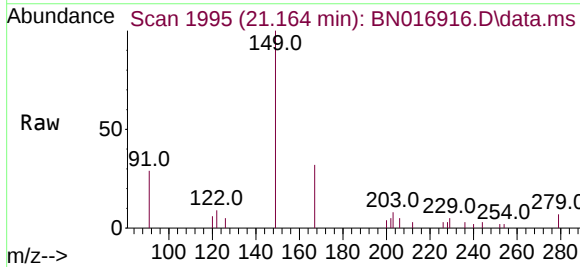
Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

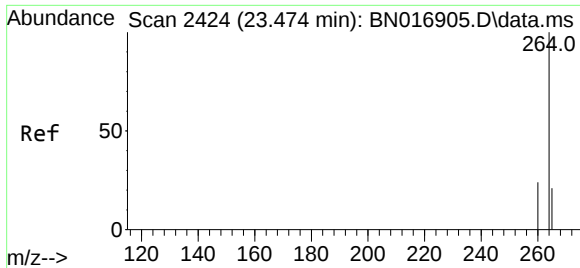
Tgt Ion:244	Resp:	89413
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.7 8.5
122	12.2	9.8 14.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.284 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016916.D
 Acq: 13 Oct 2021 02:37

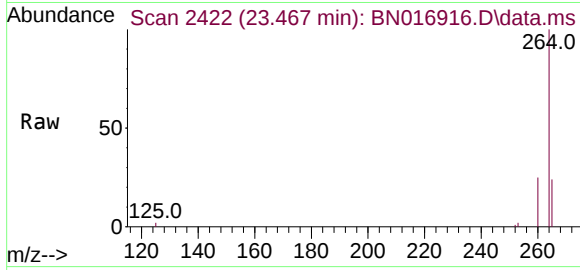
Tgt Ion:149	Resp:	17391
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.1 33.1
279	4.8	3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.467 min Scan# 2422
 Delta R.T. -0.007 min
 Lab File: BN016916.D
 Acq: 13 Oct 2021 02:37

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH



Tgt Ion:	264	Resp:	102952
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	23.8	18.6	27.8

