

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016943.D
 Acq On : 14 Oct 2021 00:42
 Operator : CG/JU
 Sample : M4063-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCHRE

Quant Time: Oct 14 02:11:44 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)

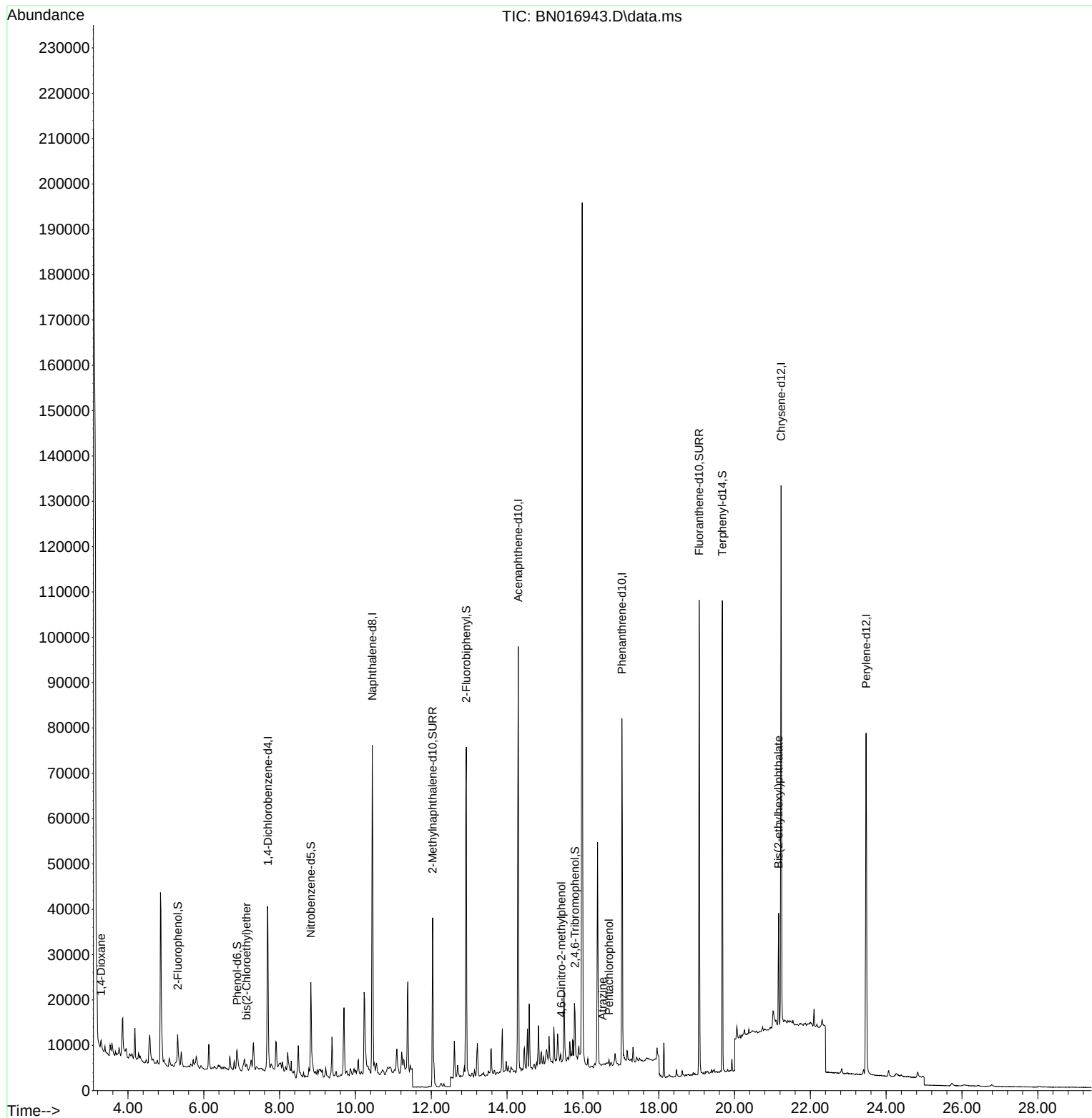
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21289	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	97294	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53553	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	103724	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	104179	0.400	ng	0.00
35) Perylene-d12	23.471	264	101602	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7559	0.156	ng	0.02
5) Phenol-d6	6.877	99	5289	0.098	ng	0.00
8) Nitrobenzene-d5	8.822	82	18947	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	50404	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	11033	0.454	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	69484	0.343	ng	0.00
27) Fluoranthene-d10	19.068	212	115307	0.443	ng	0.00
31) Terphenyl-d14	19.678	244	102551	0.448	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	294	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.126	93	1717	0.030	ng	# 21
20) 4,6-Dinitro-2-methylph...	15.436	198	77	0.202	ng	# 1
23) Atrazine	16.519	200	182	0.093	ng	# 1
24) Pentachlorophenol	16.689	266	676	0.217	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	21434	0.299	ng	99

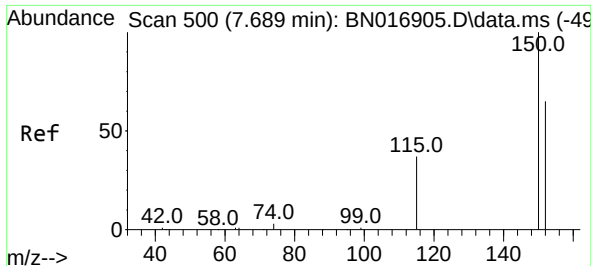
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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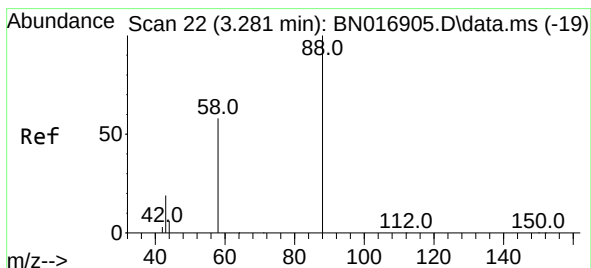
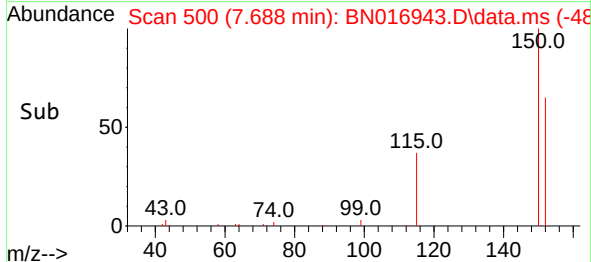
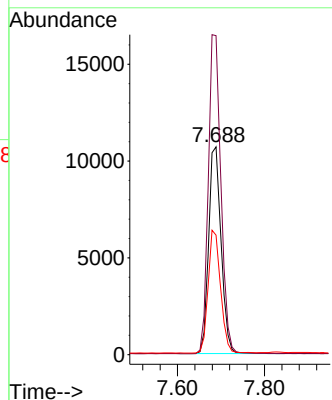
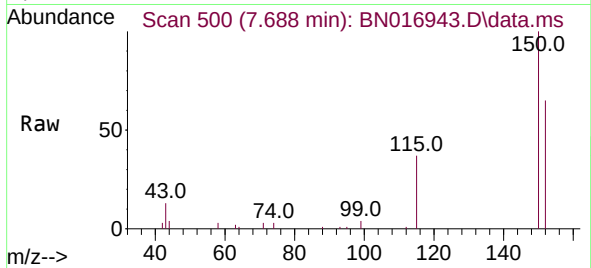




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

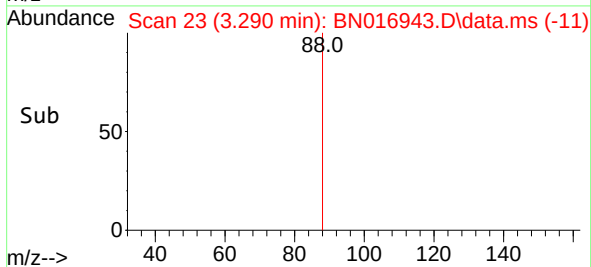
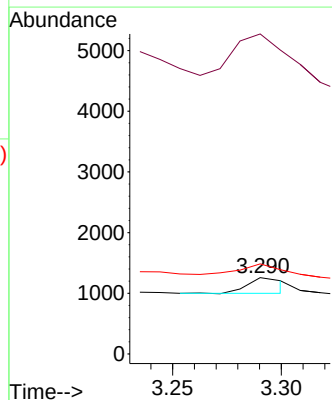
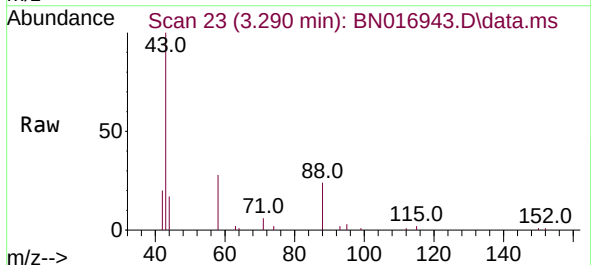
Instrument :
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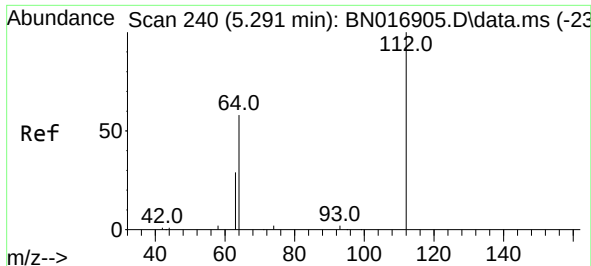
Tgt Ion:152 Resp: 21289
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.6 183.8
 115 57.5 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

Tgt Ion: 88 Resp: 294
 Ion Ratio Lower Upper
 88 100
 43 336.1 24.3 36.5#
 58 67.0 65.2 97.8

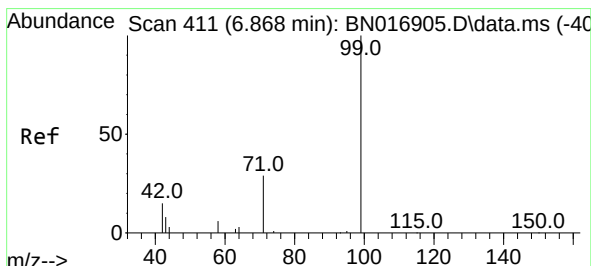
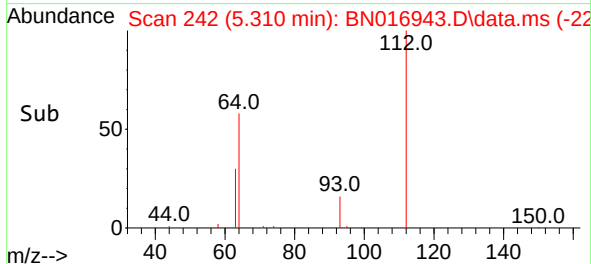
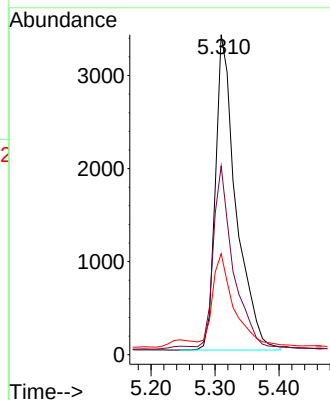
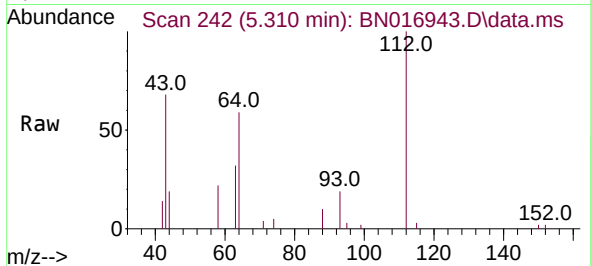




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

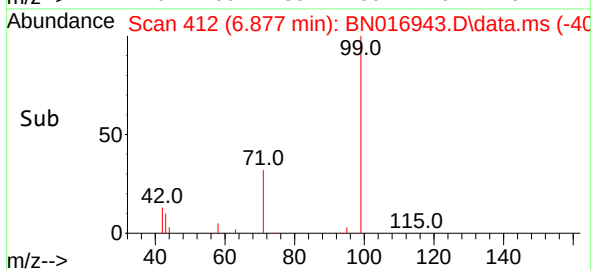
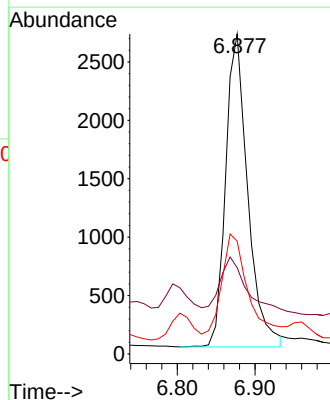
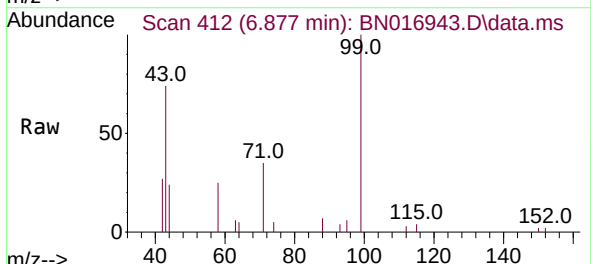
Instrument :
BNA_N
ClientSampleId :
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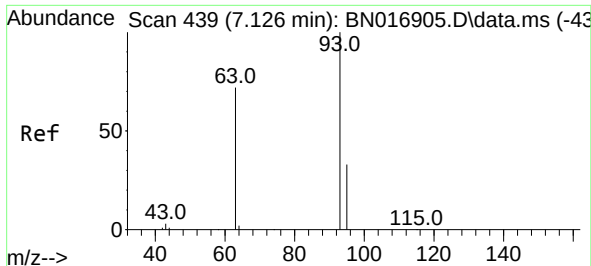
Tgt Ion:112 Resp: 7559
Ion Ratio Lower Upper
112 100
64 55.1 45.0 67.4
63 29.5 22.6 33.8



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion: 99 Resp: 5289
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 36.2 24.5 36.7

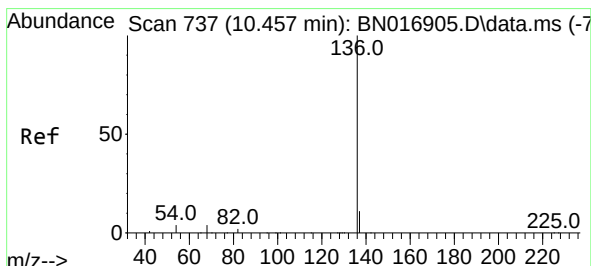
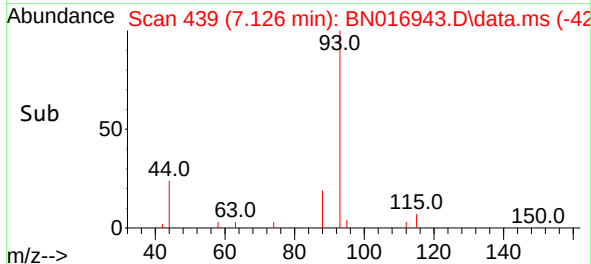
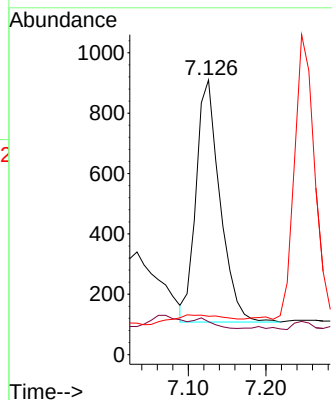
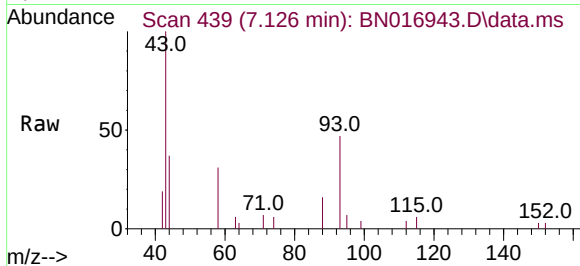




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

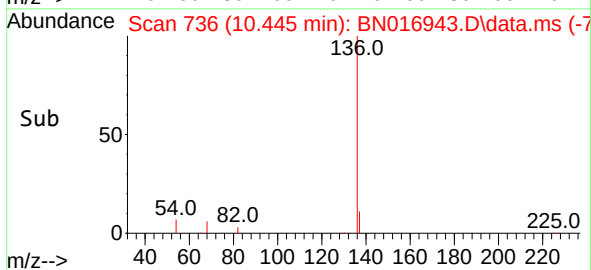
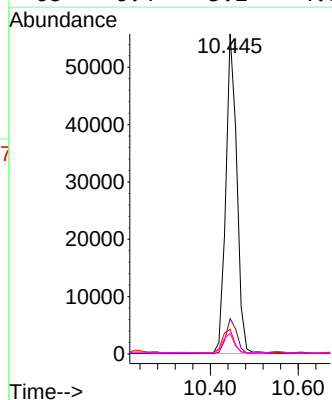
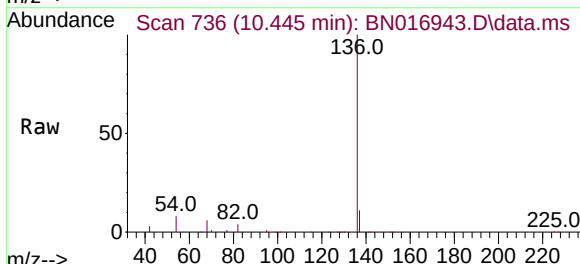
Instrument :
BNA_N
ClientSampleId :
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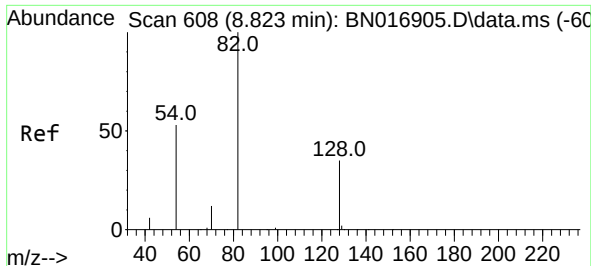
Tgt Ion:	93	Resp:	1717
Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.3	90.5#
95	0.0	26.2	39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion:	136	Resp:	97294
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.7	3.7	5.5#
68	6.4	3.2	4.8#

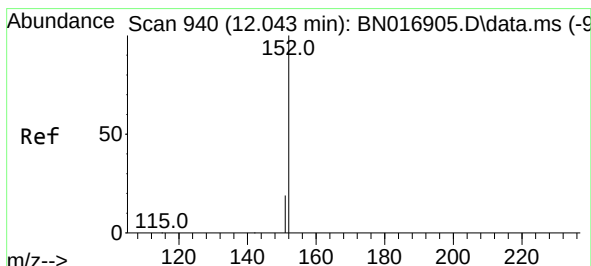
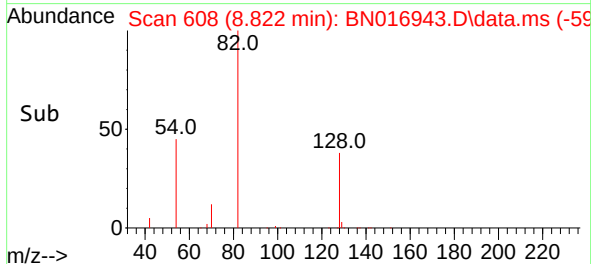
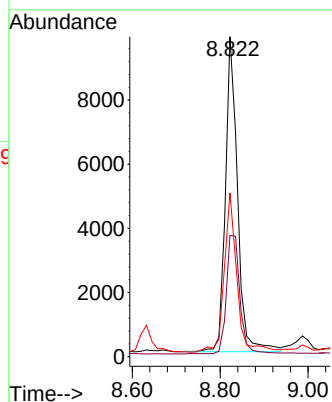
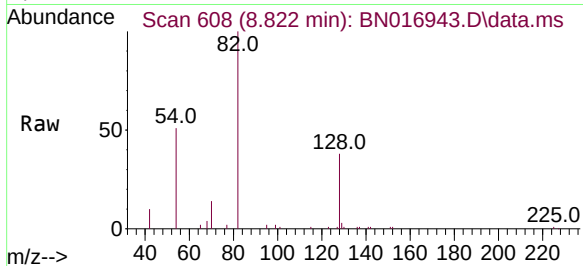




#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

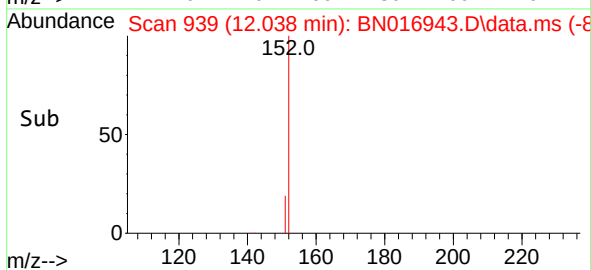
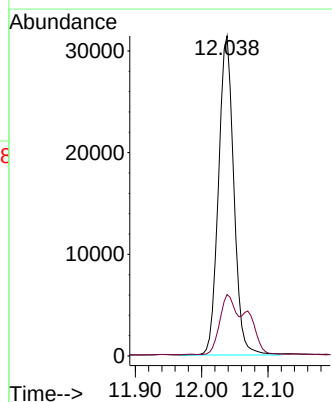
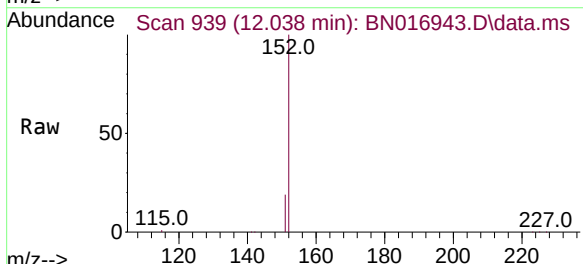
Instrument :
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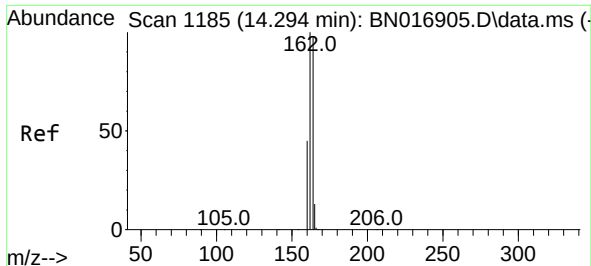
Tgt Ion: 82 Resp: 18947
Ion Ratio Lower Upper
82 100
128 37.9 28.3 42.5
54 51.1 43.0 64.4



#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion: 152 Resp: 50404
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

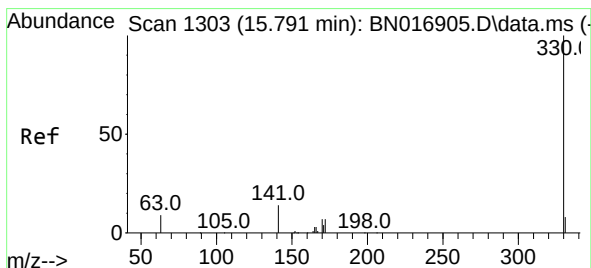
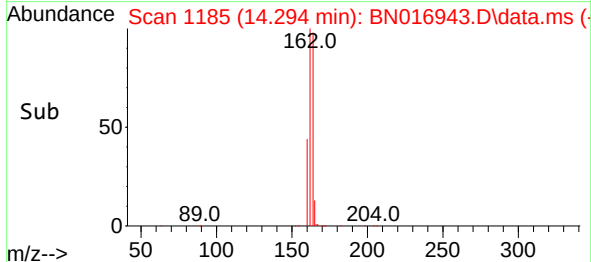
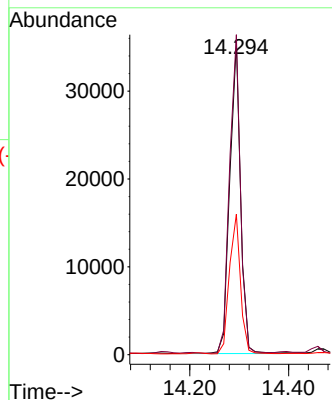
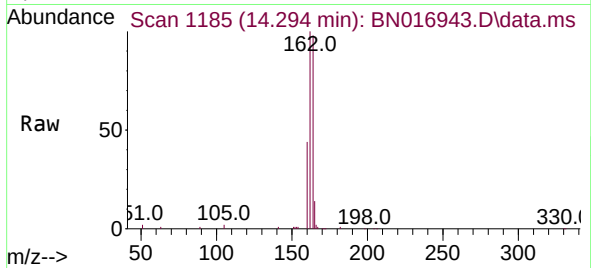




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

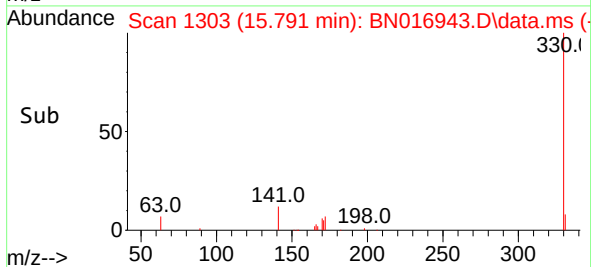
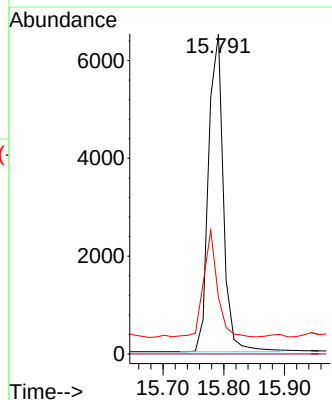
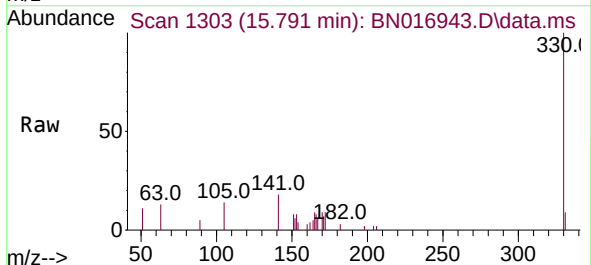
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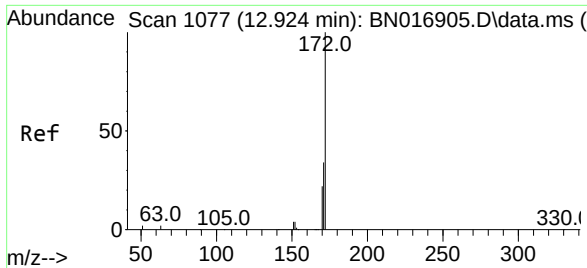
Tgt Ion:164 Resp: 53553
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.0 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion:330 Resp: 11033
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 24.4 36.6

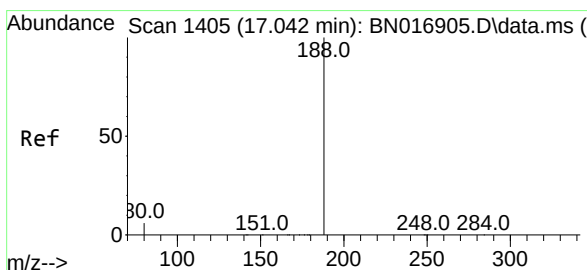
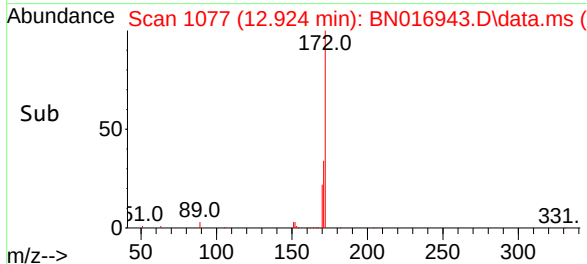
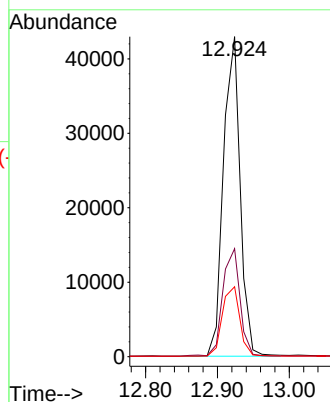
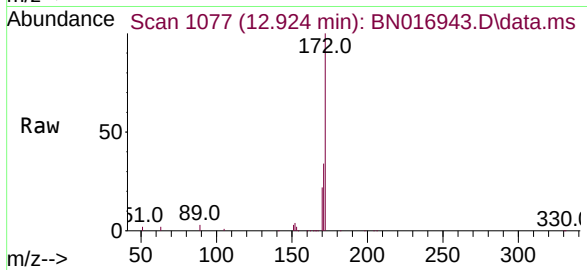




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

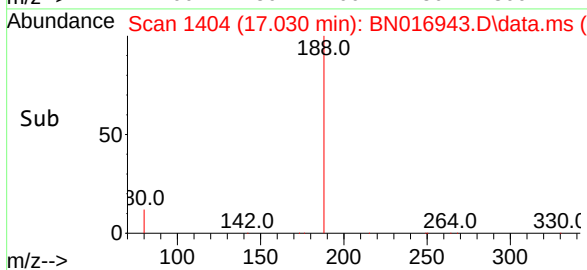
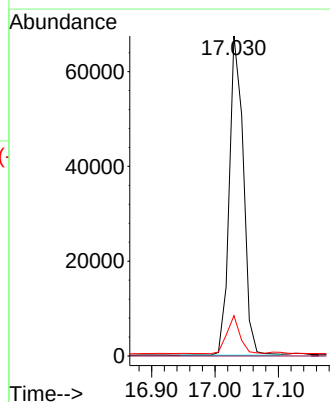
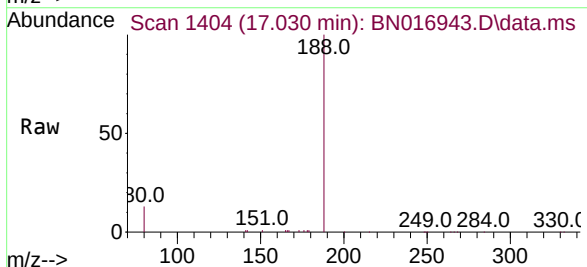
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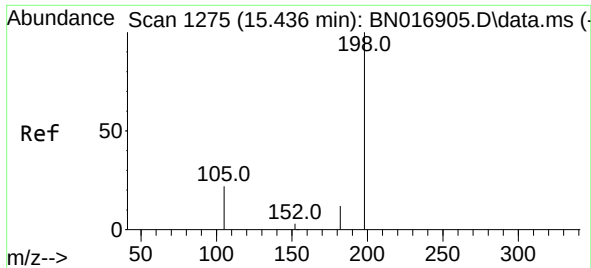
Tgt Ion:172	Resp:	69484
Ion Ratio	Lower	Upper
172	100	
171	33.7	27.4 41.0
170	21.9	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion:188	Resp:	103724
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.6	4.9 7.3#

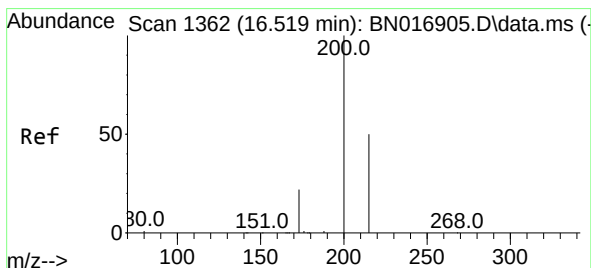
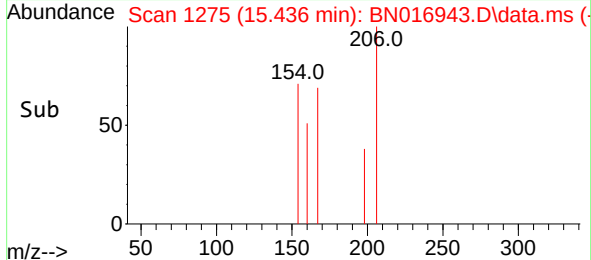
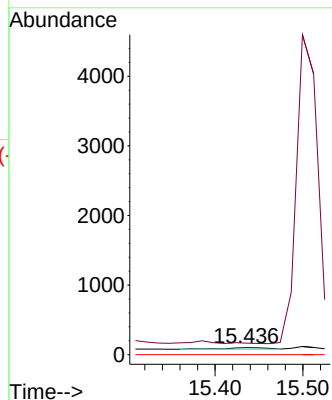
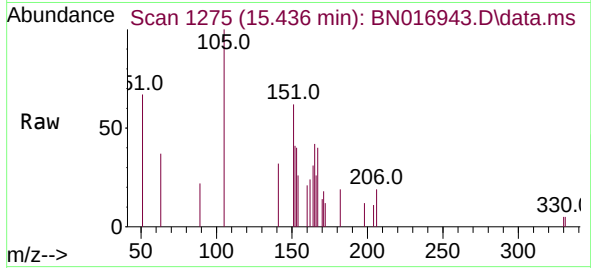




#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

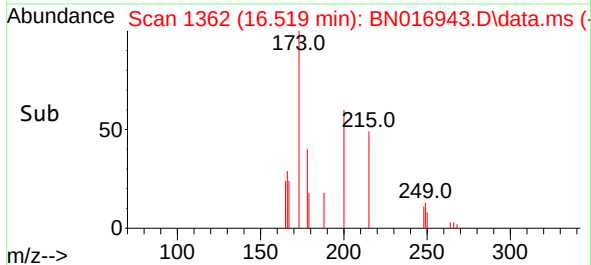
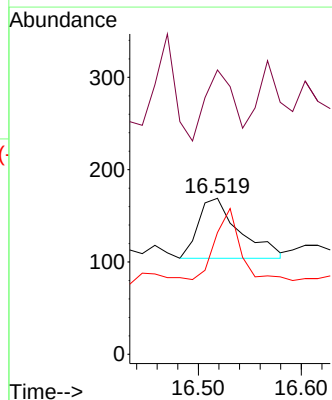
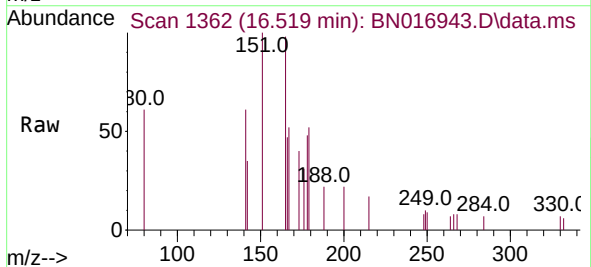
Instrument :
BNA_N
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P287-DITCHRE

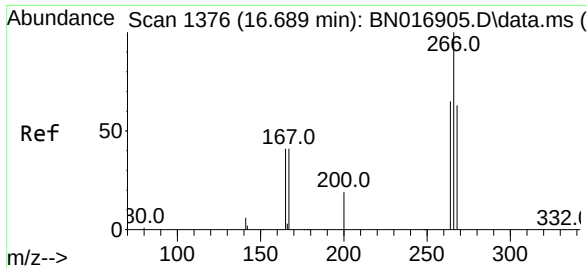
Tgt Ion:198 Resp: 77
Ion Ratio Lower Upper
198 100
182 163.4 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.093 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion:200 Resp: 182
Ion Ratio Lower Upper
200 100
173 182.2 18.0 27.0#
215 78.1 40.0 60.0#

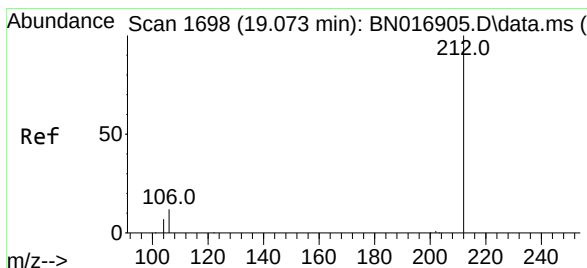
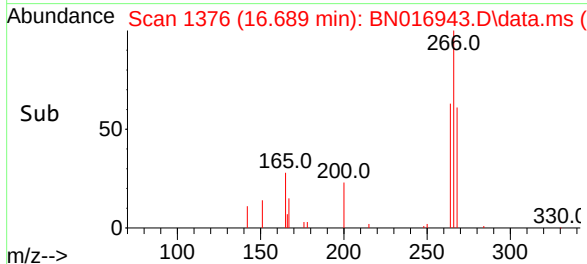
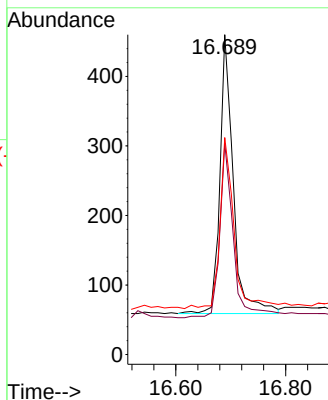
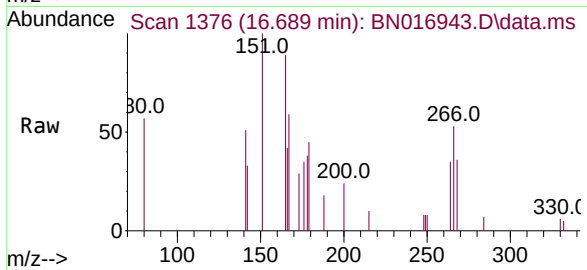




#24
 Pentachlorophenol
 Concen: 0.217 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

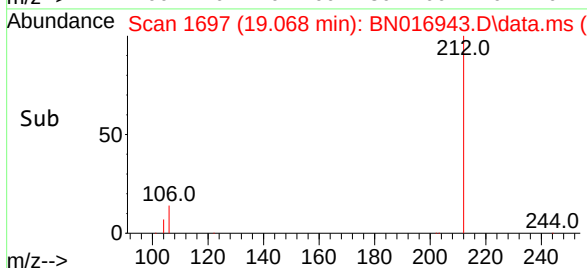
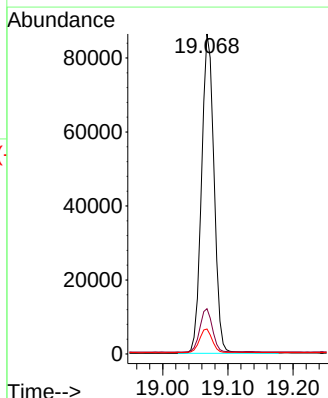
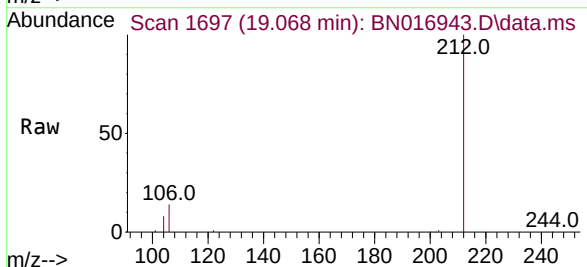
Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCHRE

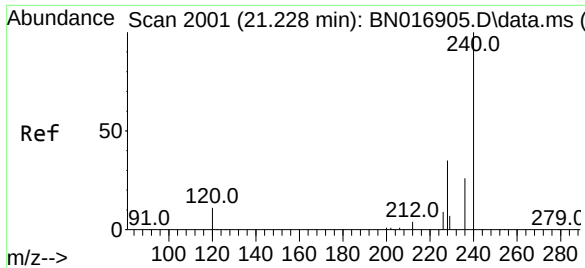
Tgt Ion:	266	Resp:	676
Ion Ratio	Lower	Upper	
266	100		
264	66.3	50.5	75.7
268	66.3	51.2	76.8



#27
 Fluoranthene-d10
 Concen: 0.443 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. -0.005 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

Tgt Ion:	212	Resp:	115307
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.7	16.1
104	7.4	5.8	8.8

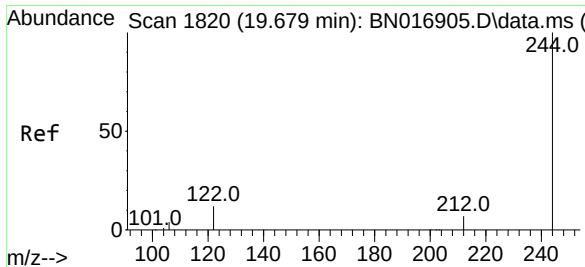
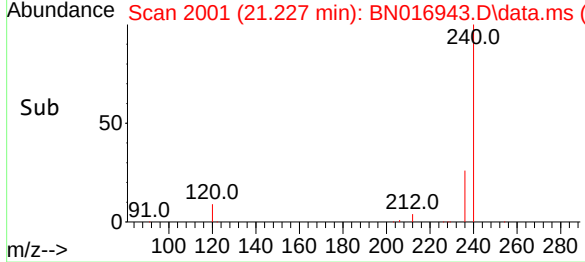
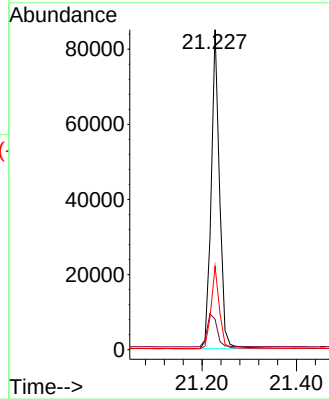
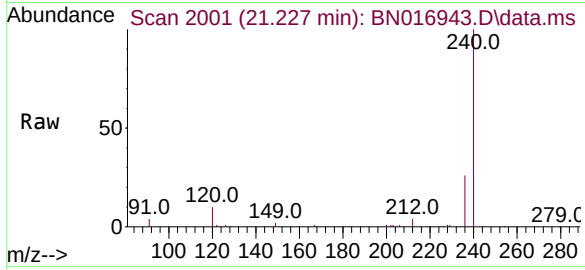




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

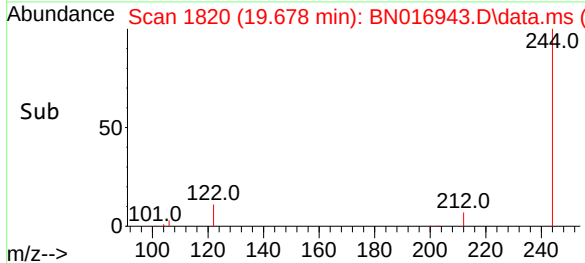
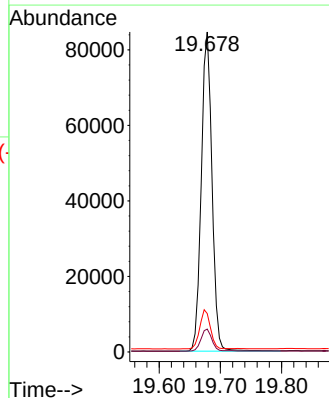
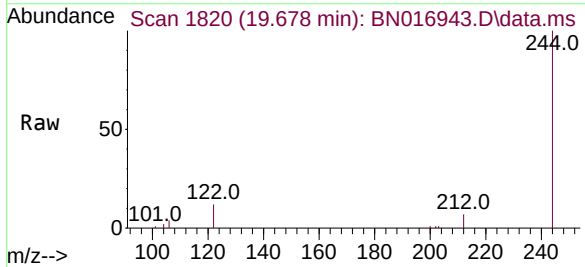
Instrument :
BNA_N
ClientSampleId :
P287-DITCHRE

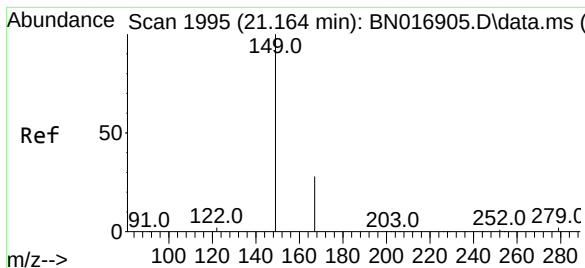
Tgt Ion:240 Resp: 104179
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 26.1 21.0 31.4



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016943.D
Acq: 14 Oct 2021 00:42

Tgt Ion:244 Resp: 102551
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.0 9.8 14.6

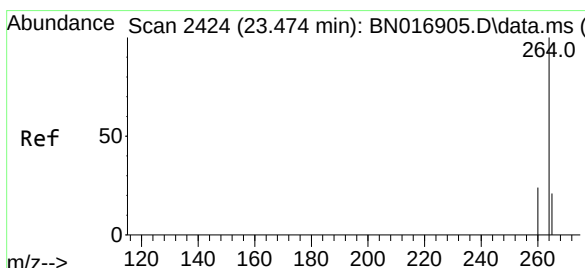
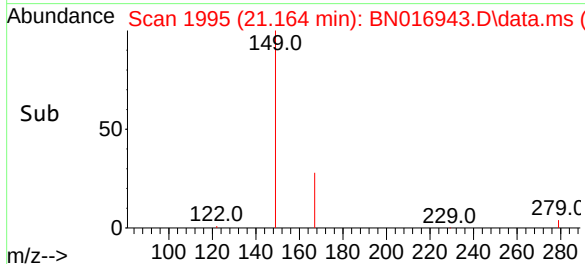
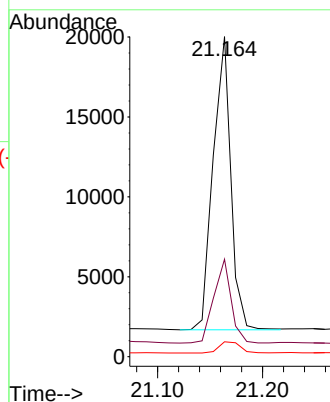
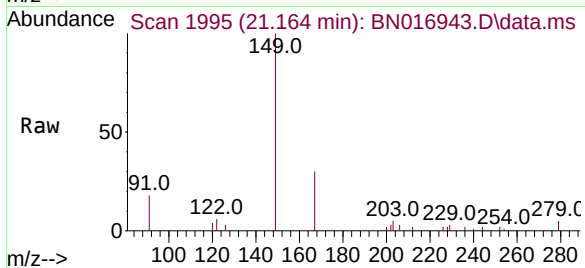




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.299 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCHRE

Tgt Ion:149 Resp: 21434
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.1 33.1
 279 4.7 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.471 min Scan# 2423
 Delta R.T. -0.004 min
 Lab File: BN016943.D
 Acq: 14 Oct 2021 00:42

Tgt Ion:264 Resp: 101602
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.5 18.6 27.8

