

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016509.D
 Acq On : 26 Sep 2021 14:01
 Operator : CG/JU
 Sample : M3833-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210920

Quant Time: Sep 27 05:30:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

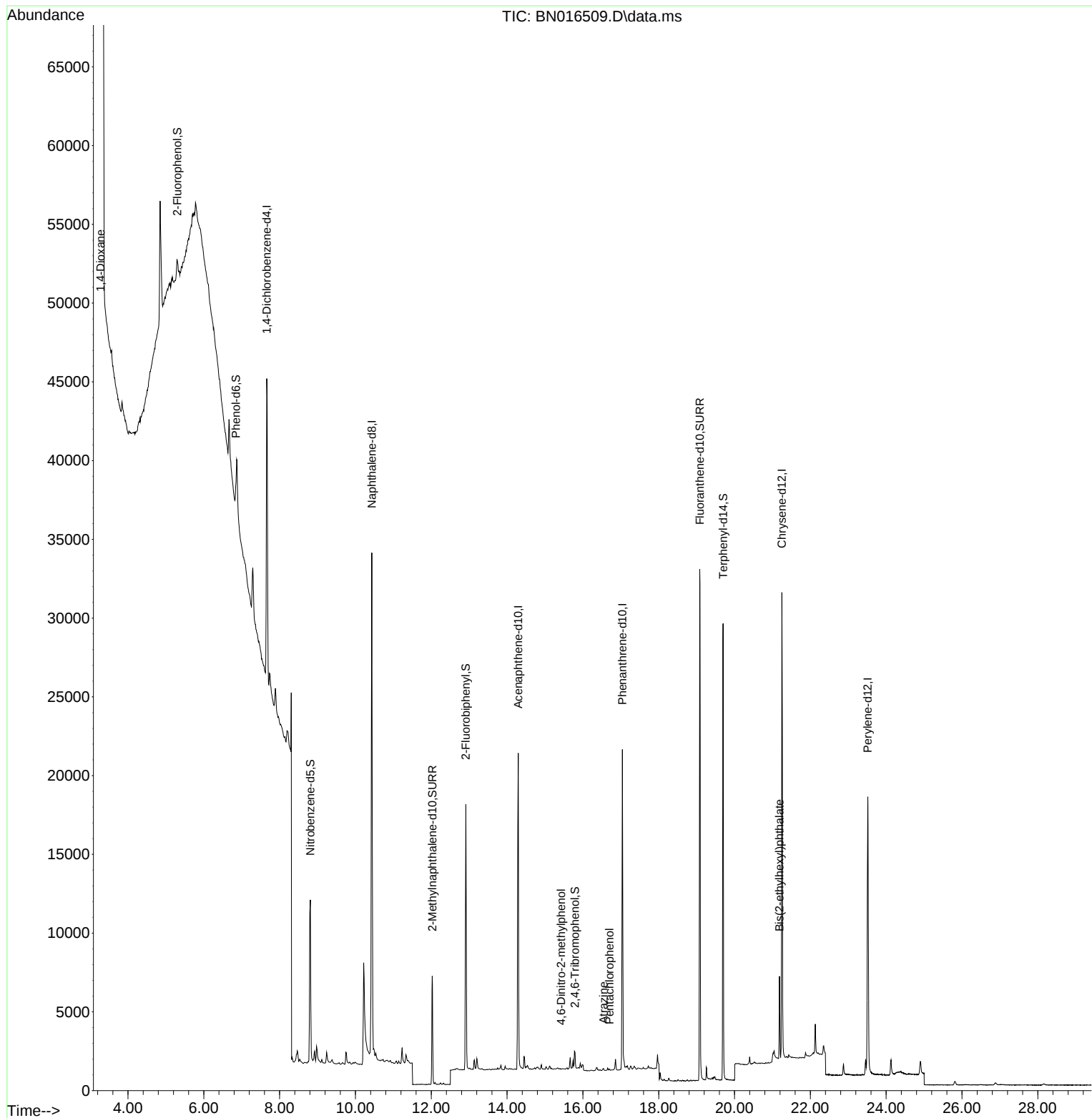
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11782	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	40981	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	9694	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	25964	0.400	ng	0.00
29) Chrysene-d12	21.248	240	28898	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	23661	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1280	0.048	ng	0.02
5) Phenol-d6	6.849	99	1293	0.041	ng	0.00
8) Nitrobenzene-d5	8.810	82	8717	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	8975	0.148	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	896	0.373	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	13782	0.339	ng	-0.01
27) Fluoranthene-d10	19.083	212	37795	0.530	ng	0.00
31) Terphenyl-d14	19.698	244	29441	0.438	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	635	0.126	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.423	198	2	0.148	ng	# 1
23) Atrazine	16.543	200	9	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	47	0.250	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	4672	0.204	ng	95

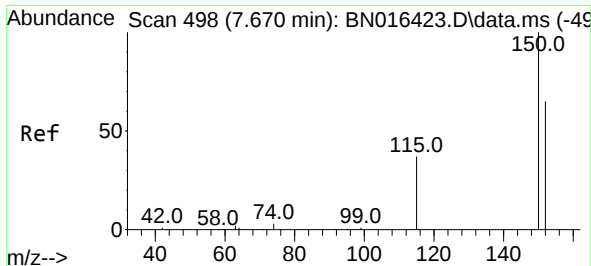
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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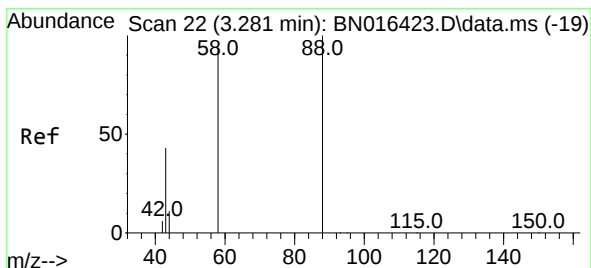
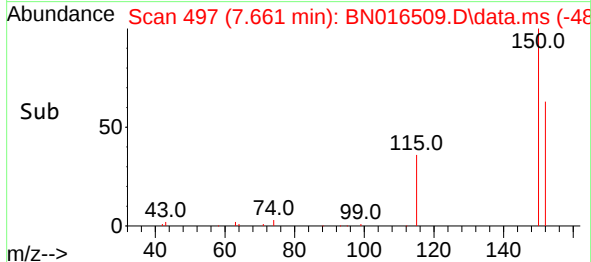
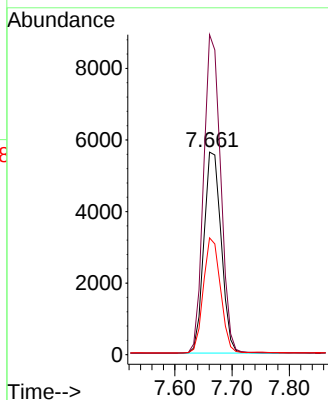
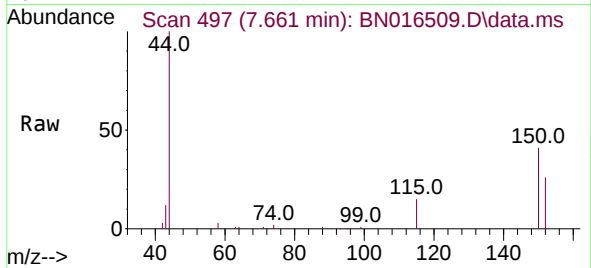




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016509.D
 Acq: 26 Sep 2021 14:01

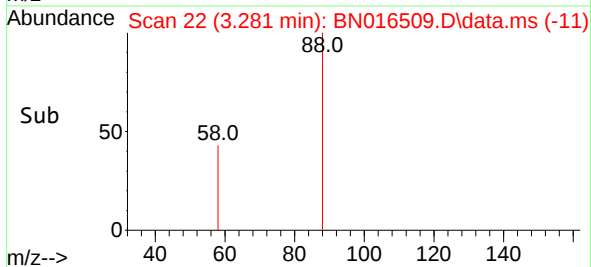
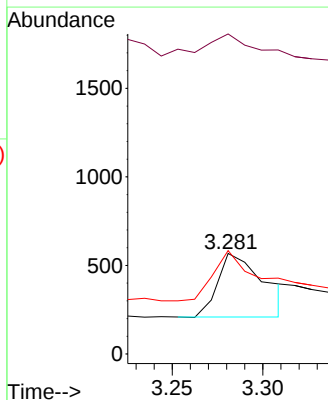
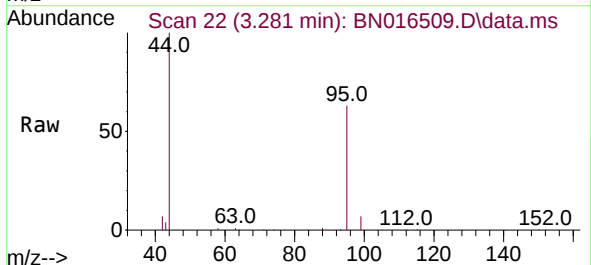
Instrument :
 BNA_N
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 RE103D3-20210920

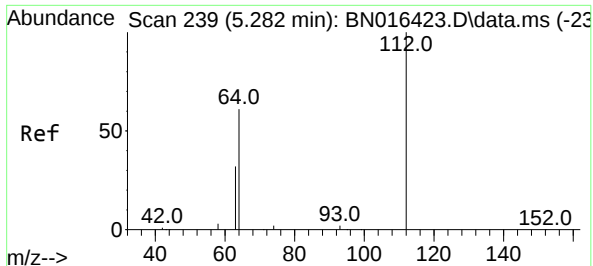
Tgt Ion:152 Resp: 11782
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.6 188.4
 115 57.7 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.126 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016509.D
 Acq: 26 Sep 2021 14:01

Tgt Ion: 88 Resp: 635
 Ion Ratio Lower Upper
 88 100
 43 31.2 20.3 30.5#
 58 62.8 69.9 104.9#

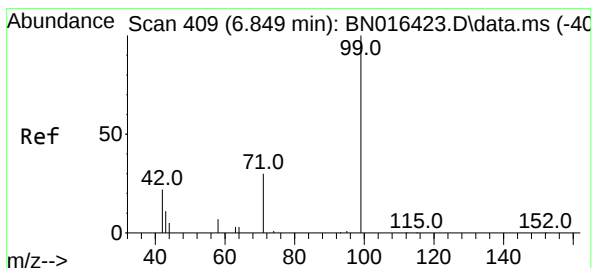
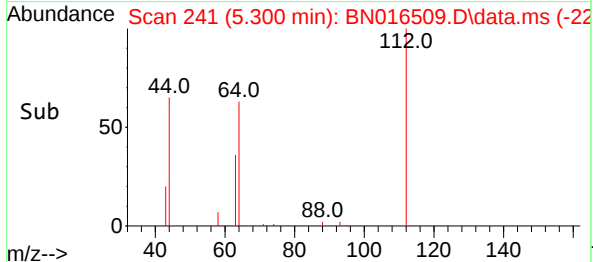
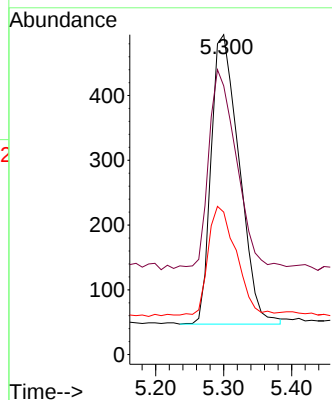
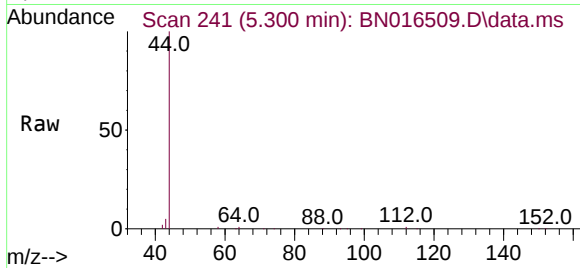




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

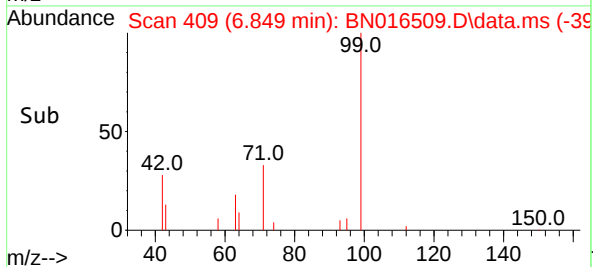
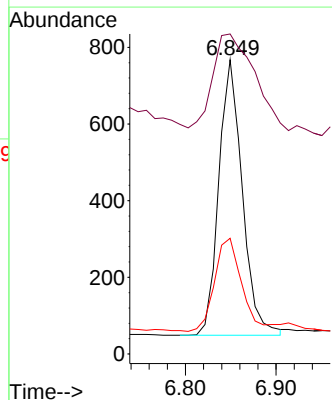
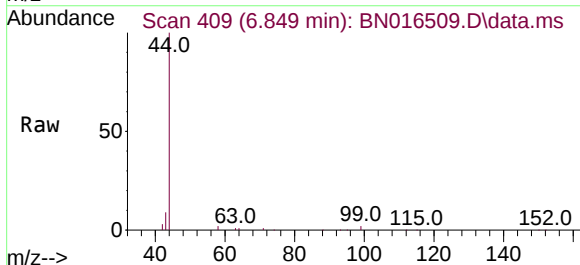
Instrument :
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ClientSampleId :
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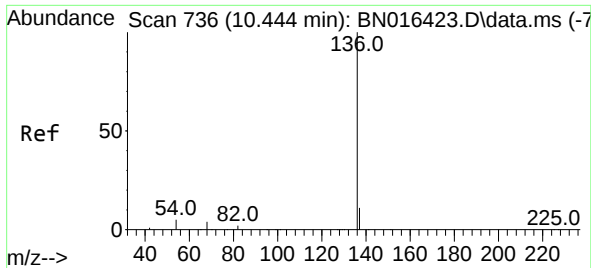
Tgt Ion:112 Resp: 1280
Ion Ratio Lower Upper
112 100
64 68.0 47.3 70.9
63 39.2 23.4 35.0#



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion: 99 Resp: 1293
Ion Ratio Lower Upper
99 100
42 58.9 14.0 21.0#
71 39.2 23.8 35.6#

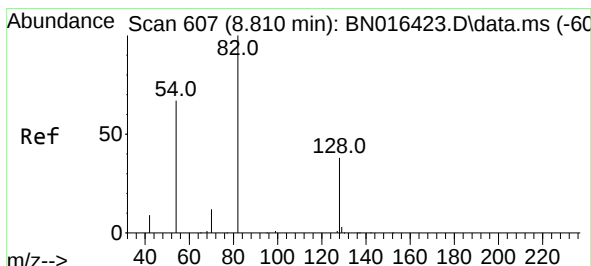
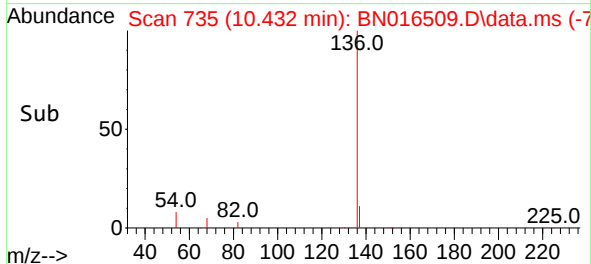
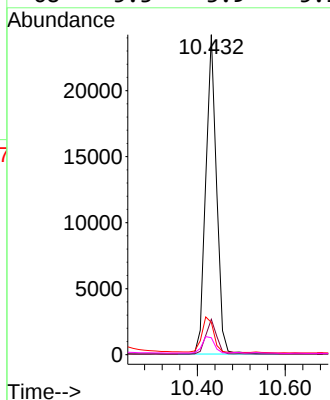
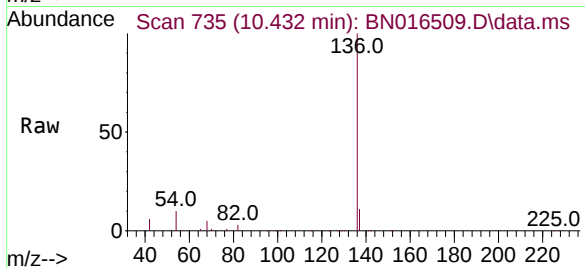




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

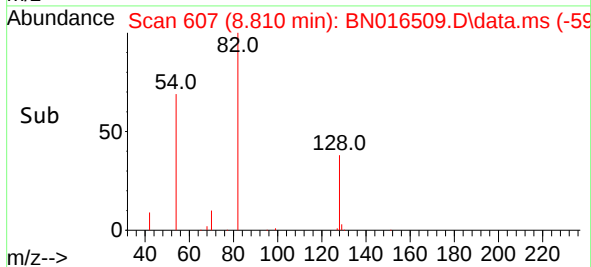
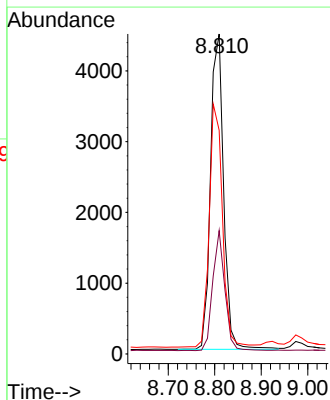
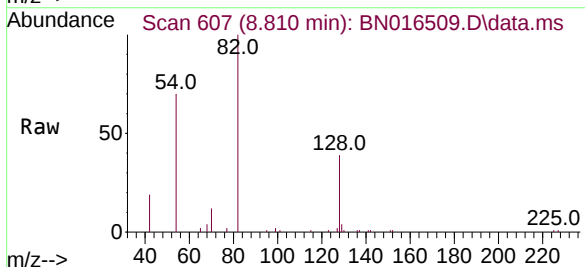
Instrument :
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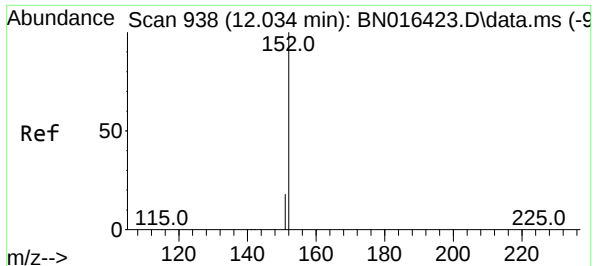
Tgt Ion:	136	Resp:	40981
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.1	5.3	7.9#
68	5.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:	82	Resp:	8717
Ion Ratio	Lower	Upper	
82	100		
128	38.5	31.7	47.5
54	69.9	46.4	69.6#

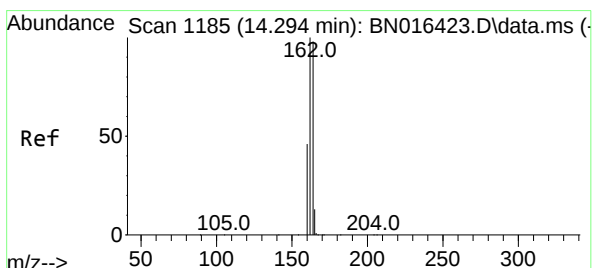
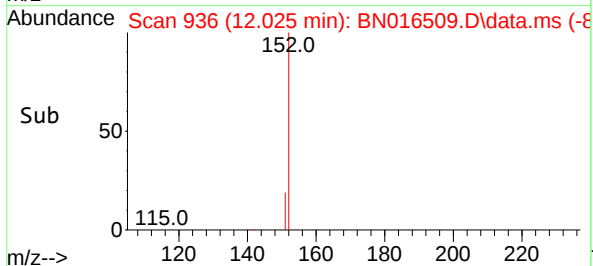
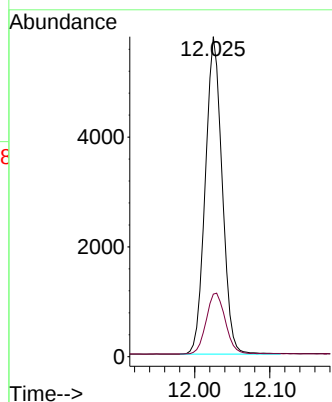
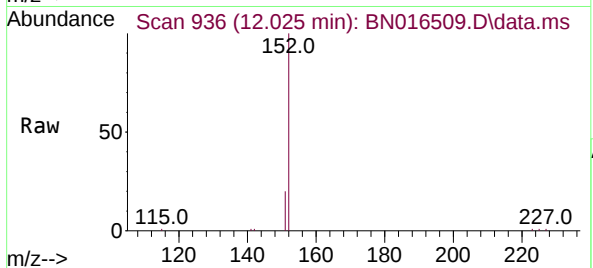




#11
2-Methylnaphthalene-d10
Concen: 0.148 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

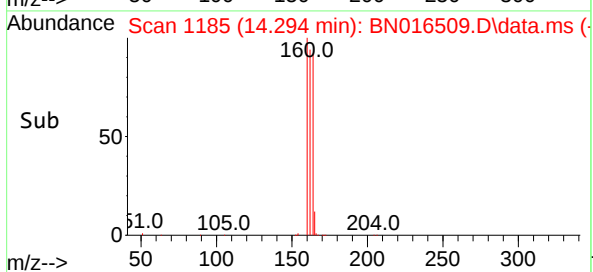
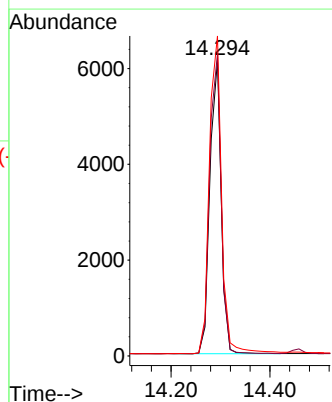
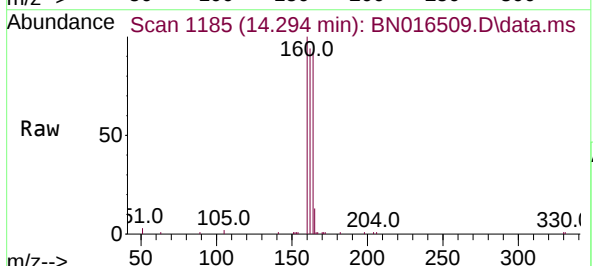
Instrument :
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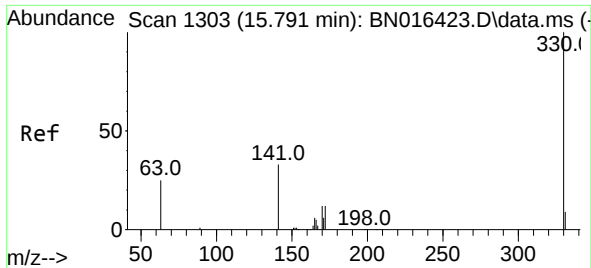
Tgt Ion:152 Resp: 8975
Ion Ratio Lower Upper
152 100
151 21.9 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:164 Resp: 9694
Ion Ratio Lower Upper
164 100
162 102.2 79.0 118.4
160 108.2 34.1 51.1#

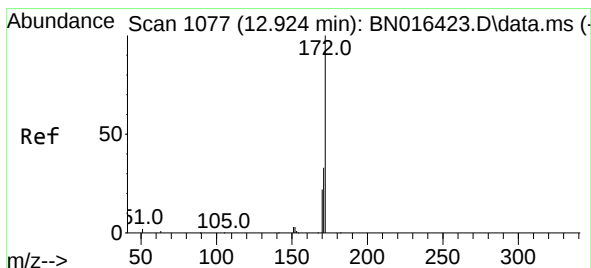
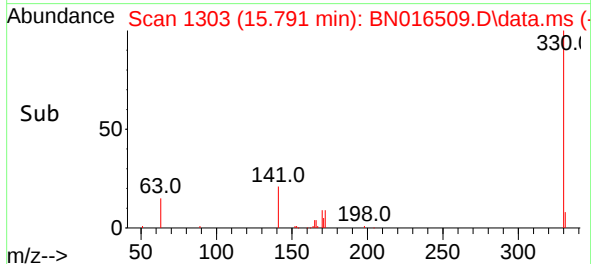
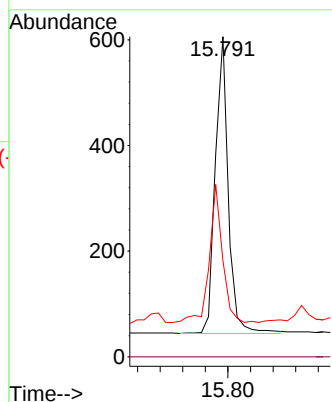
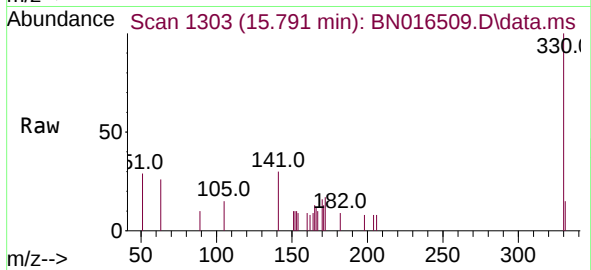




#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

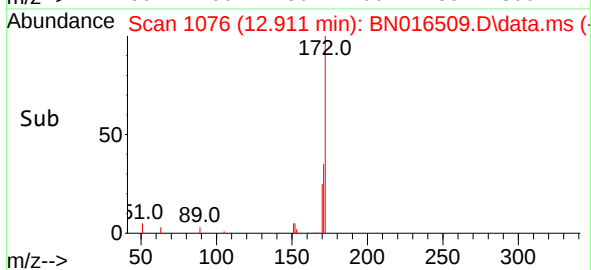
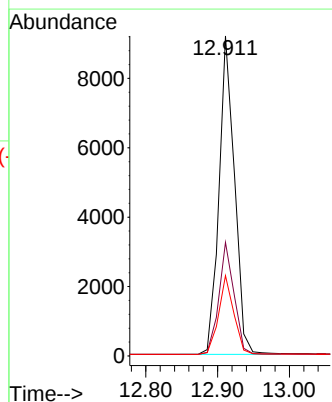
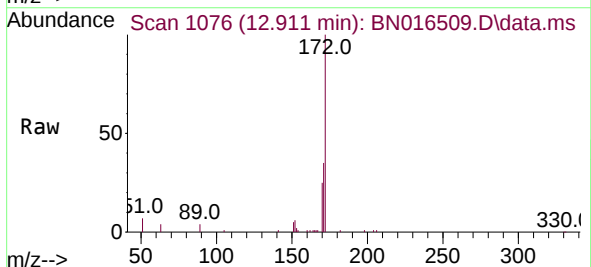
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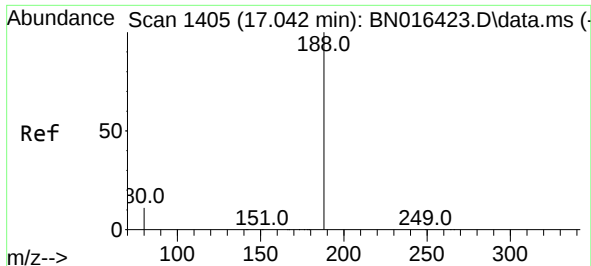
Tgt Ion:330 Resp: 896
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:172 Resp: 13782
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 25.1 18.2 27.2

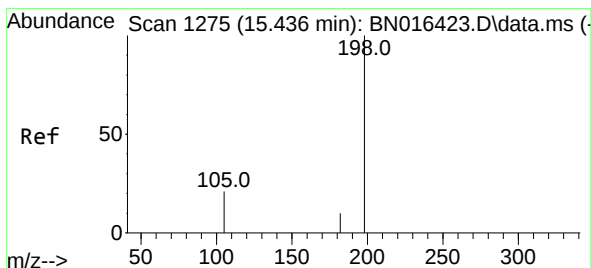
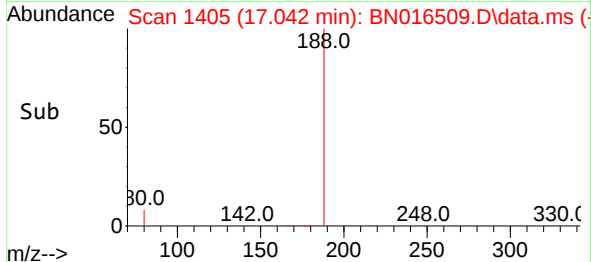
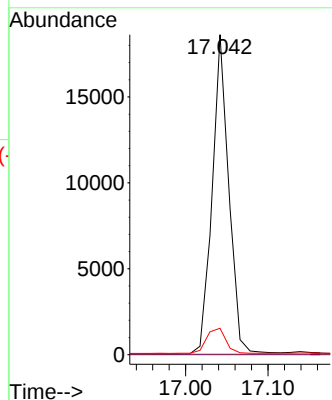
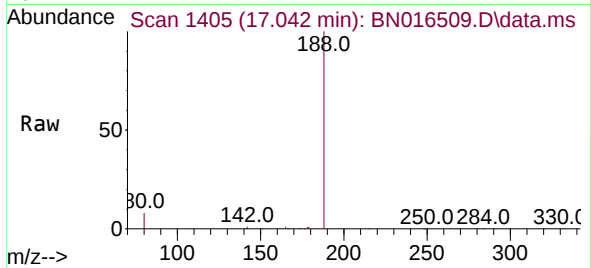




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

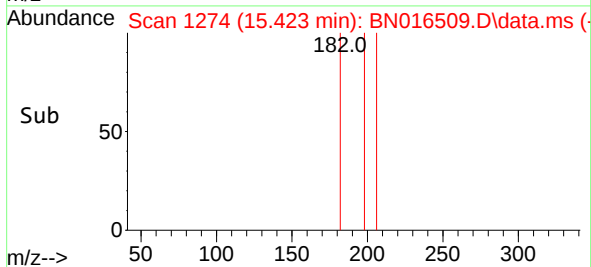
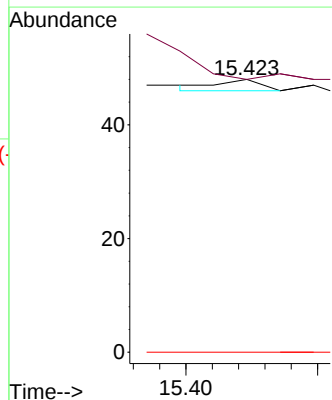
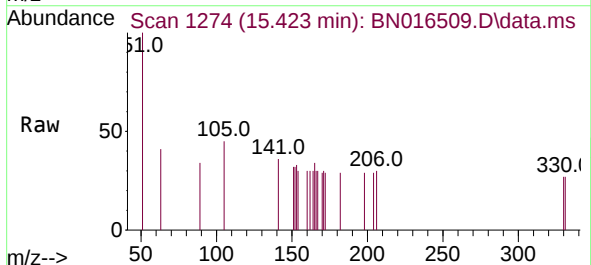
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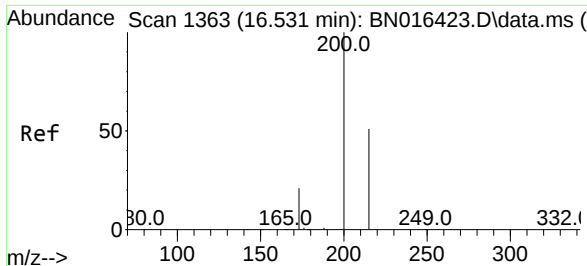
Tgt Ion:188	Resp:	25964
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.3	7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
182	100.0	26.6 39.8#
77	0.0	0.0 0.0

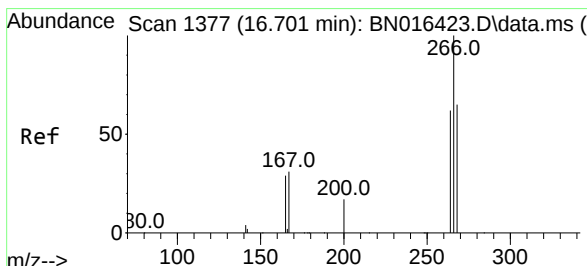
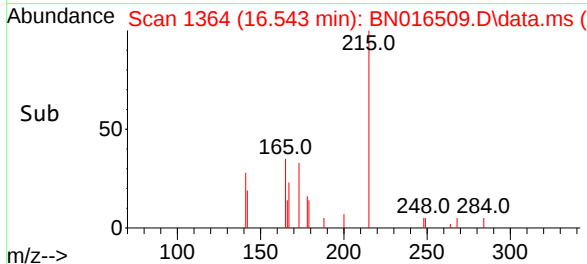
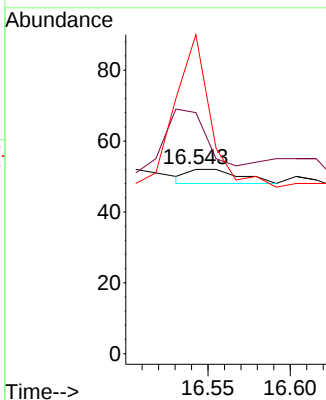
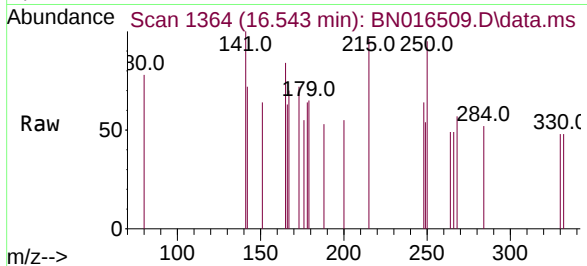




#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

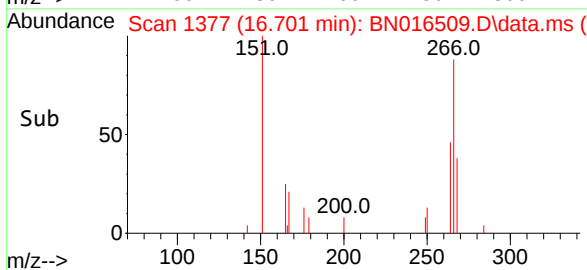
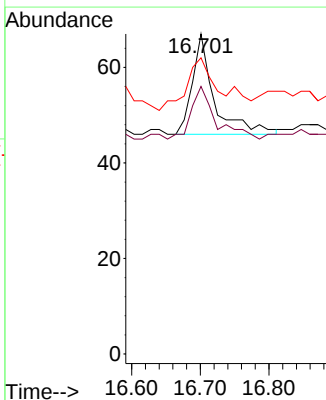
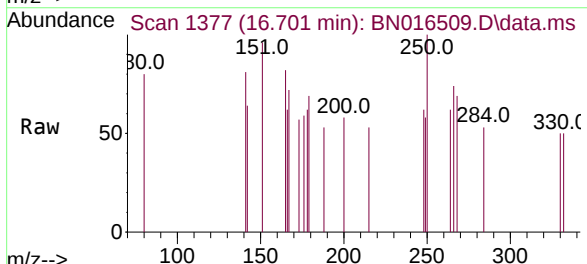
Instrument :
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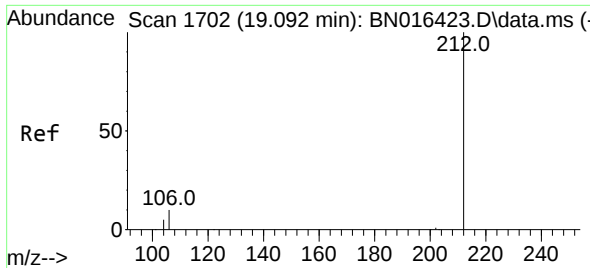
Tgt Ion:200 Resp: 9
Ion Ratio Lower Upper
200 100
173 130.8 18.7 28.1#
215 173.1 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.250 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 57.4 50.6 75.8
268 63.8 52.6 79.0

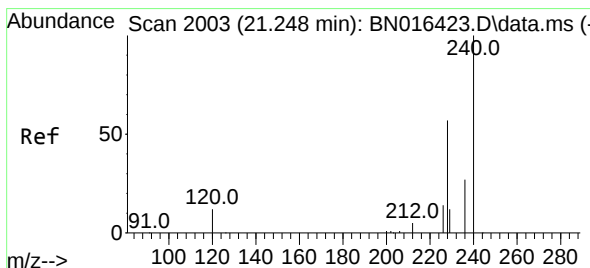
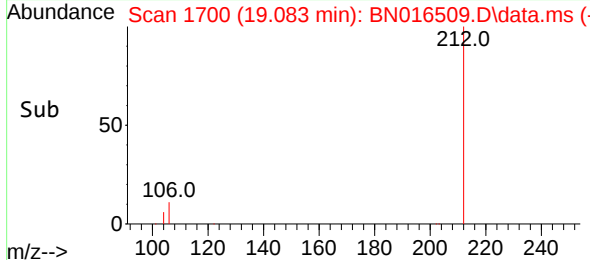
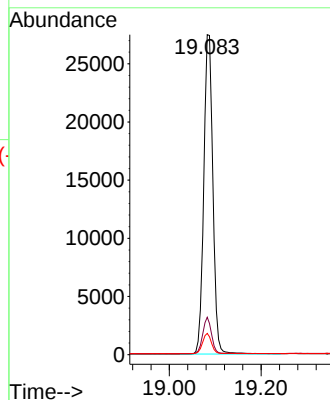
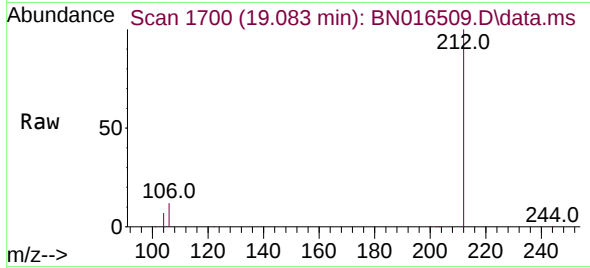




#27
Fluoranthene-d10
Concen: 0.530 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

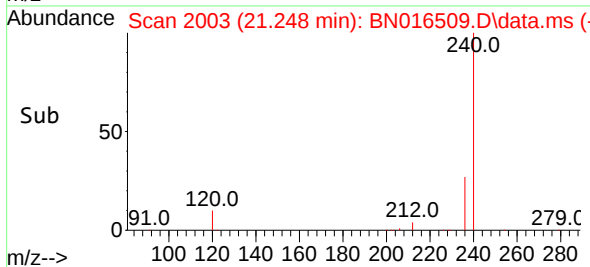
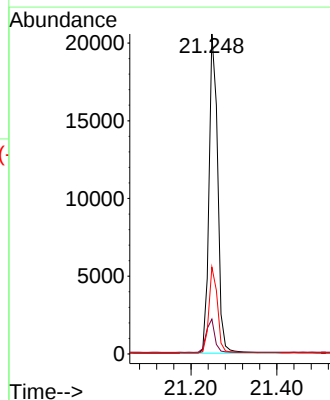
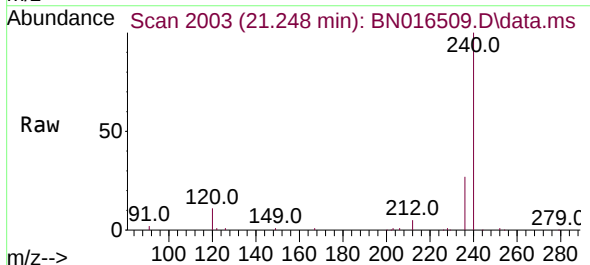
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920

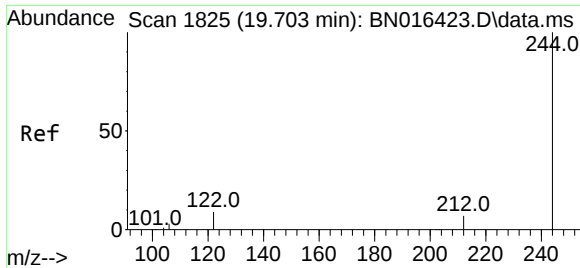
Tgt Ion:212 Resp: 37795
Ion Ratio Lower Upper
212 100
106 10.9 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:240 Resp: 28898
Ion Ratio Lower Upper
240 100
120 10.9 5.3 7.9#
236 27.2 19.8 29.8

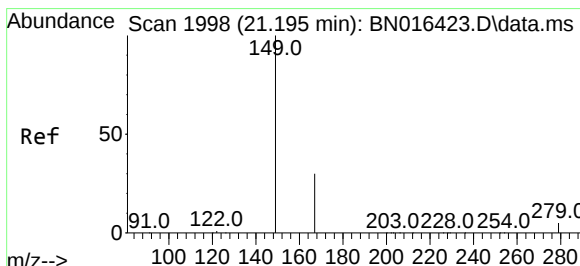
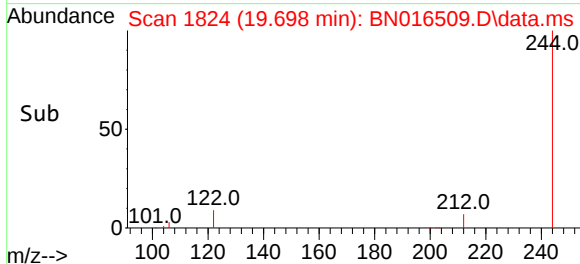
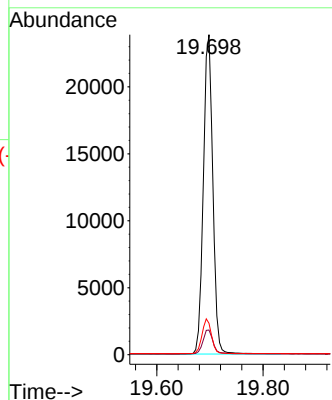
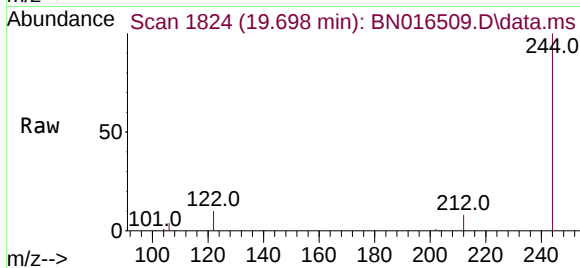




#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

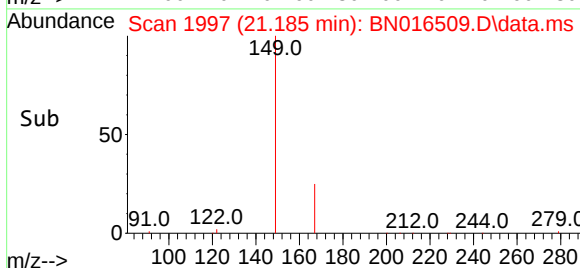
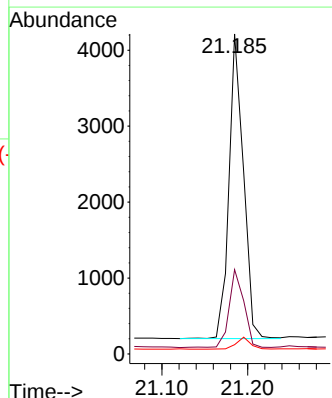
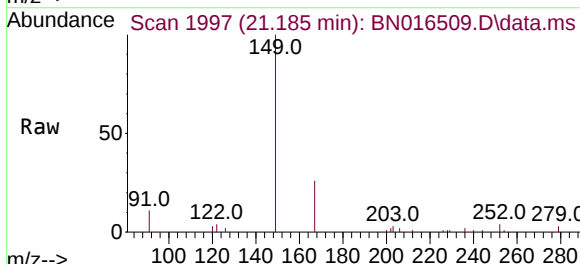
Instrument :
BNA_N
ClientSampleId :
RE103D3-20210920

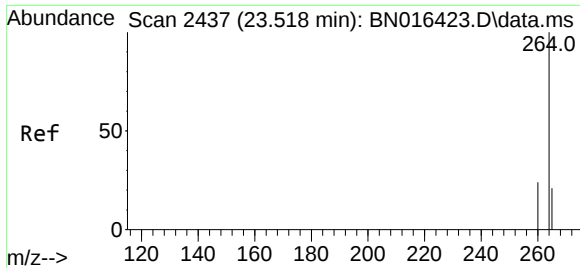
Tgt Ion:244 Resp: 29441
Ion Ratio Lower Upper
244 100
212 7.7 5.5 8.3
122 9.8 9.0 13.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.204 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016509.D
Acq: 26 Sep 2021 14:01

Tgt Ion:149 Resp: 4672
Ion Ratio Lower Upper
149 100
167 26.1 23.4 35.0
279 3.9 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016509.D
 Acq: 26 Sep 2021 14:01

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20210920

Tgt Ion:264	Resp:	23661
Ion Ratio	Lower	Upper
264	100	
260	24.9	18.9 28.3
265	24.5	23.7 35.5

