

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016482.D
 Acq On : 25 Sep 2021 19:21
 Operator : CG/JU
 Sample : M3782-08DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210914DL

Quant Time: Sep 26 04:15:54 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)

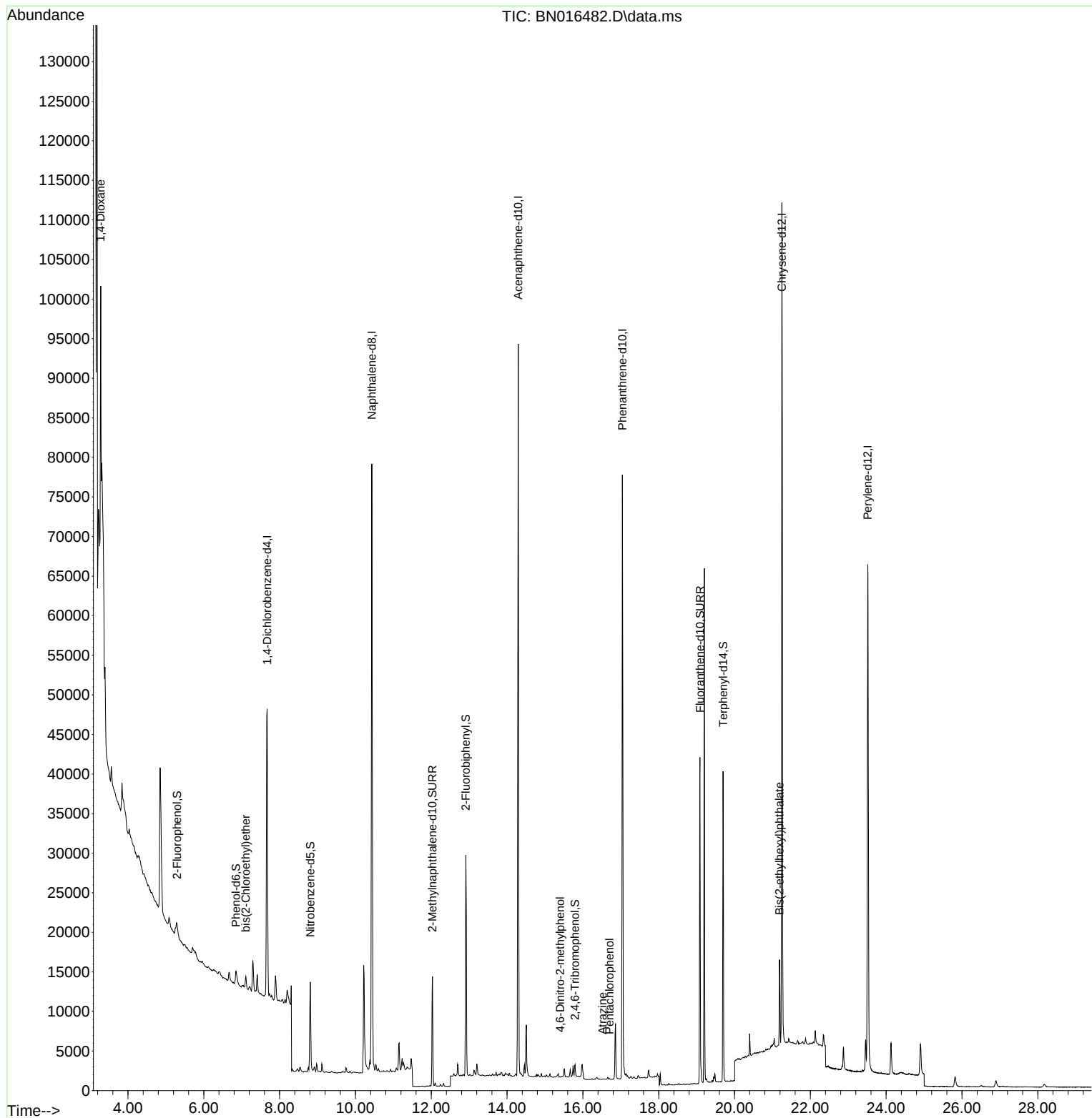
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22719	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	98020	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51071	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101082	0.400	ng	0.00
29) Chrysene-d12	21.249	240	102827	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	87136	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2196	0.043	ng	0.00
5) Phenol-d6	6.849	99	1568	0.026	ng	0.00
8) Nitrobenzene-d5	8.810	82	9161	0.132	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	18733	0.129	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1160	0.185	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	24922	0.116	ng	-0.01
27) Fluoranthene-d10	19.088	212	47319	0.171	ng	0.00
31) Terphenyl-d14	19.698	244	39068	0.163	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	20010	2.055	ng	# 83
6) bis(2-Chloroethyl)ether	7.107	93	1268	0.021	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.398	198	19	0.149	ng	# 1
23) Atrazine	16.518	200	42	0.136	ng	# 19
24) Pentachlorophenol	16.701	266	42	0.246	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.185	149	10926	0.134	ng	# 97

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

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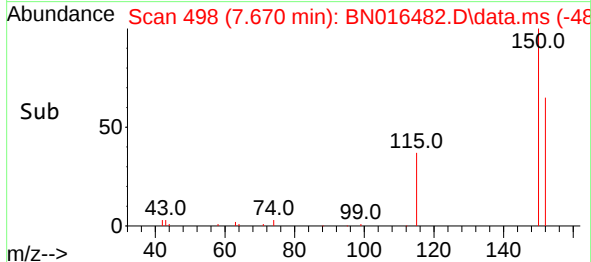
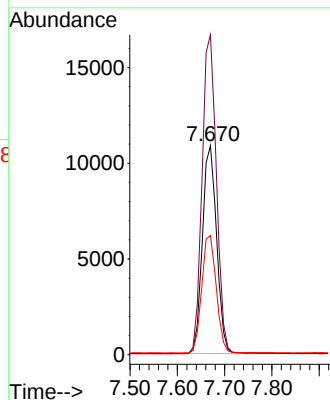
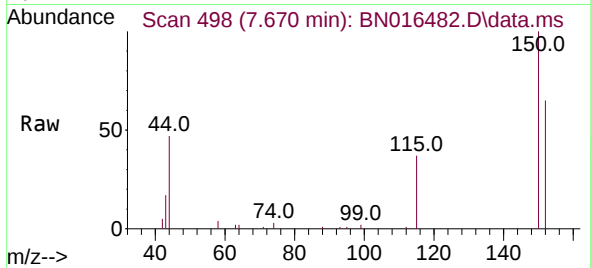




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016482.D
 Acq: 25 Sep 2021 19:21

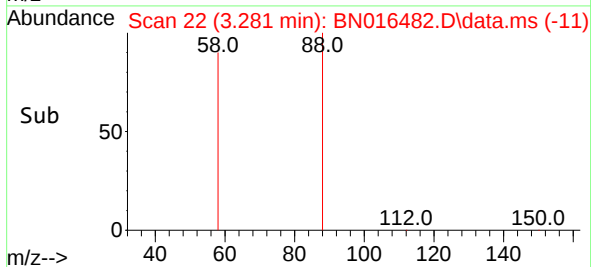
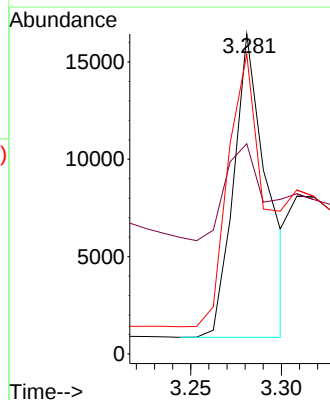
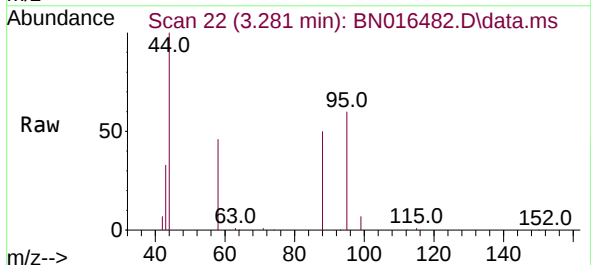
Instrument :
 BNA_N
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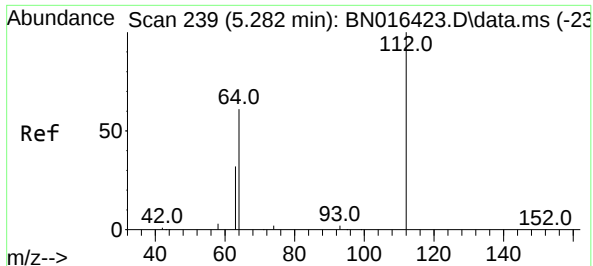
Tgt Ion:152 Resp: 22719
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.6 188.4
 115 57.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.055 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016482.D
 Acq: 25 Sep 2021 19:21

Tgt Ion: 88 Resp: 20010
 Ion Ratio Lower Upper
 88 100
 43 37.8 20.3 30.5#
 58 100.8 69.9 104.9

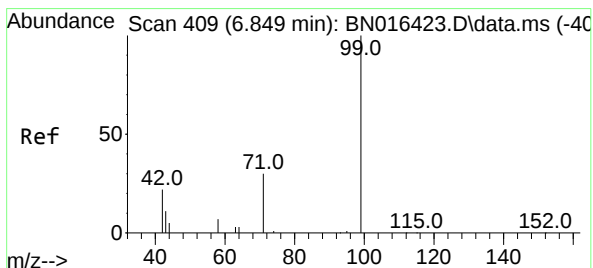
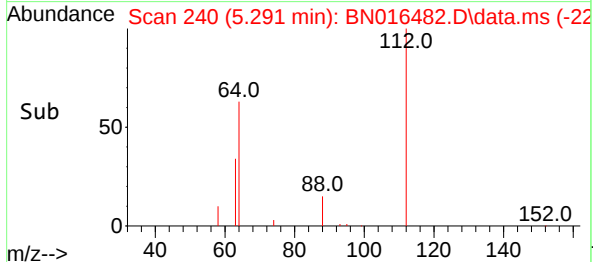
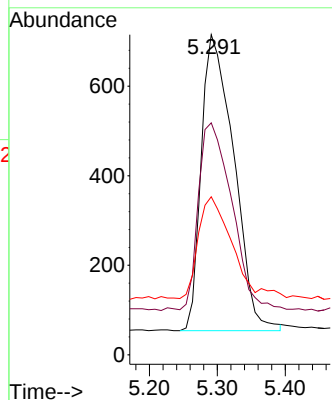
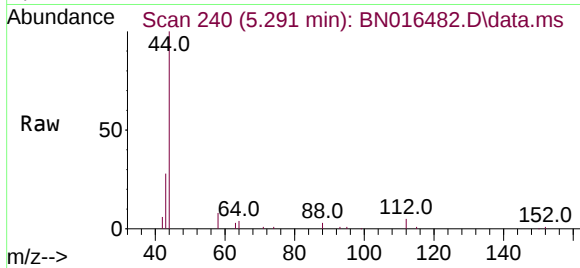




#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

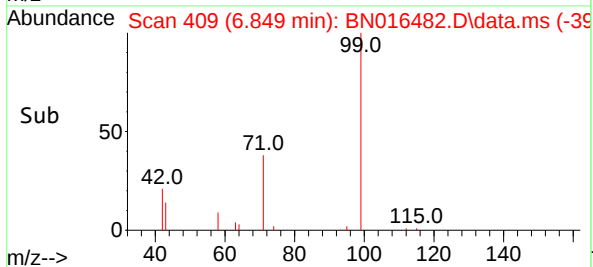
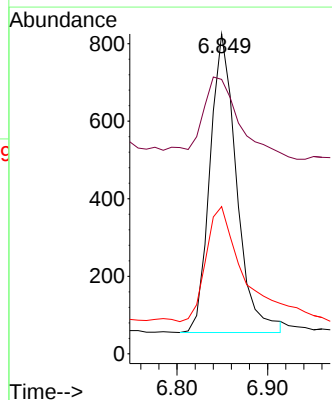
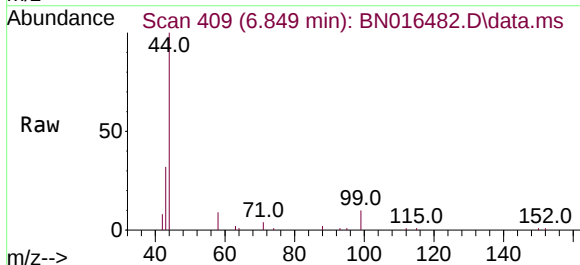
Instrument :
BNA_N
ClientSampleId :
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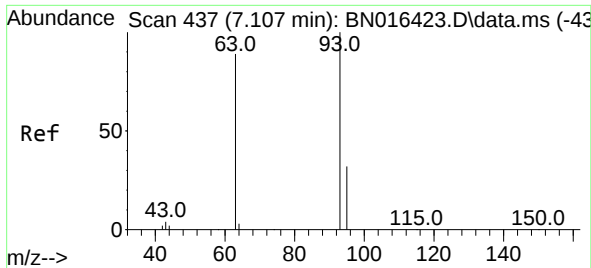
Tgt Ion: 112 Resp: 2196
Ion Ratio Lower Upper
112 100
64 65.5 47.3 70.9
63 35.7 23.4 35.0#



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion: 99 Resp: 1568
Ion Ratio Lower Upper
99 100
42 30.9 14.0 21.0#
71 52.3 23.8 35.6#

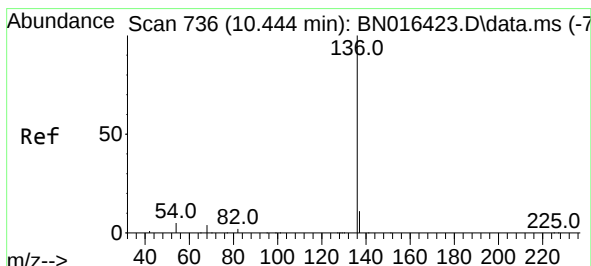
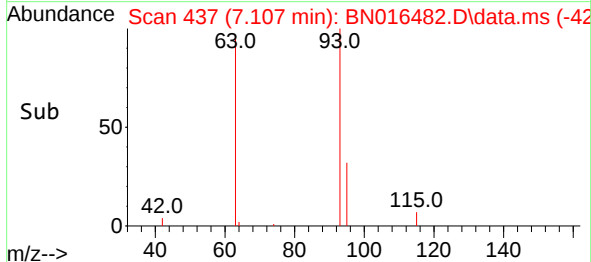
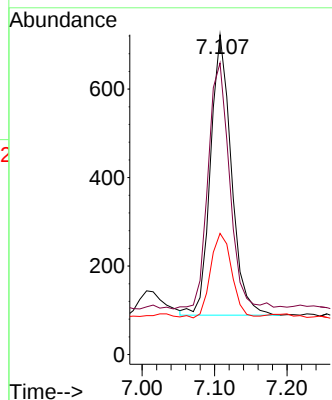
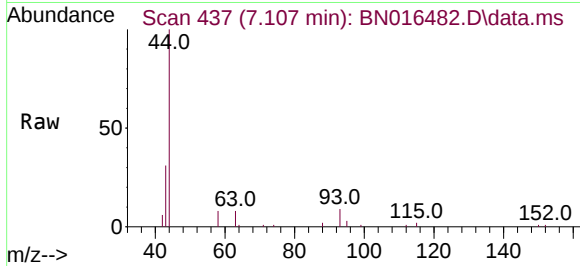




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.107 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

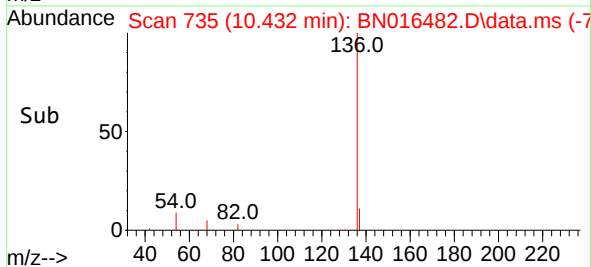
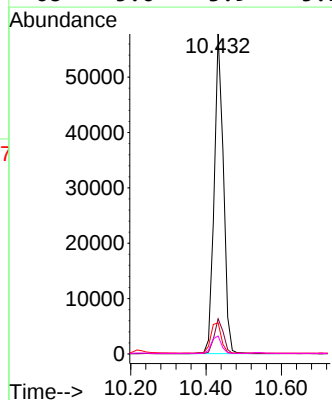
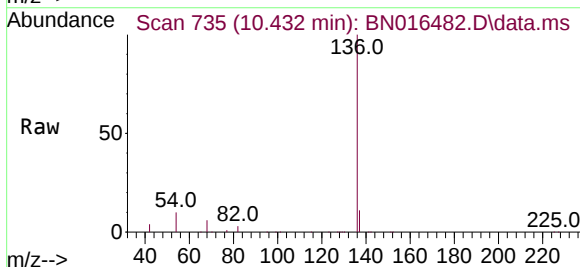
Instrument :
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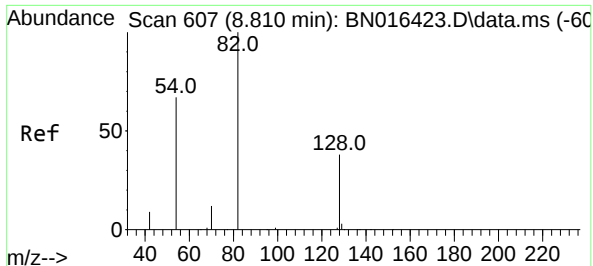
Tgt Ion:	93	Resp:	1268
Ion	Ratio	Lower	Upper
93	100		
63	91.2	63.4	95.0
95	30.5	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:	136	Resp:	98020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	5.3	7.9#
68	5.6	3.9	5.9

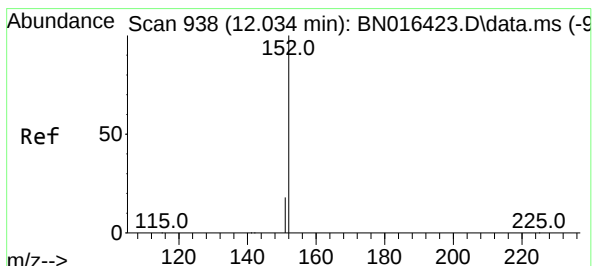
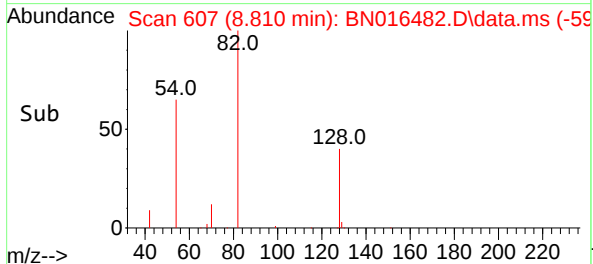
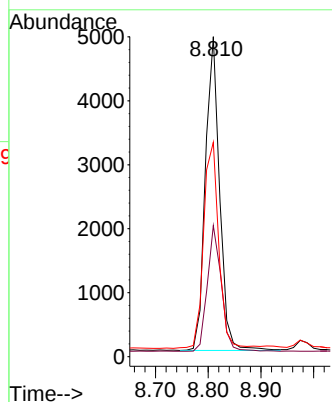
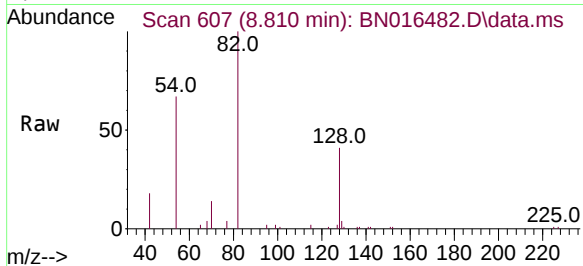




#8
Nitrobenzene-d5
Concen: 0.132 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

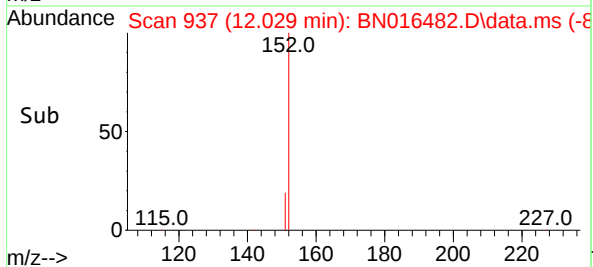
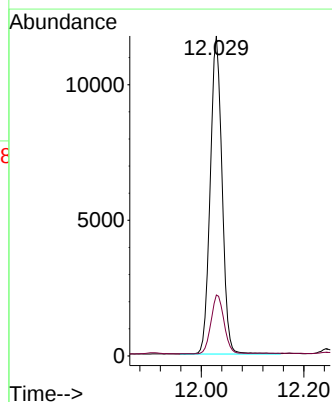
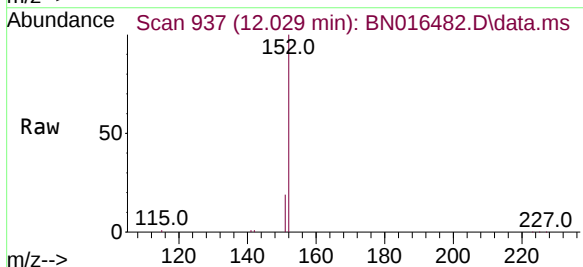
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ClientSampleId :
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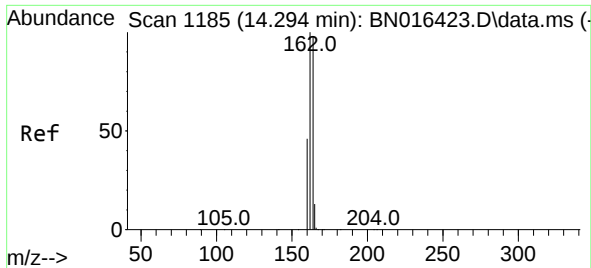
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.7	47.5
54	67.0	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.129 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1

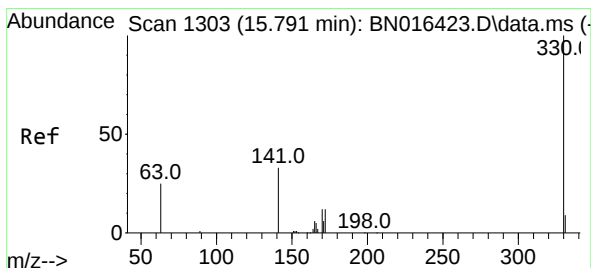
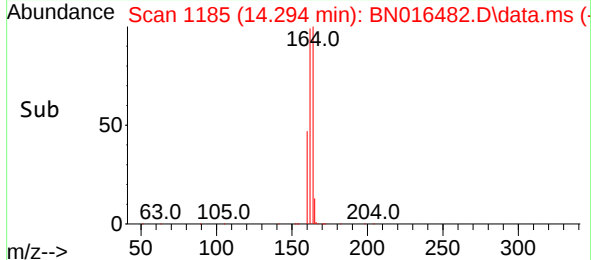
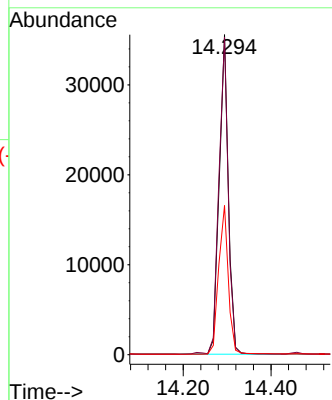
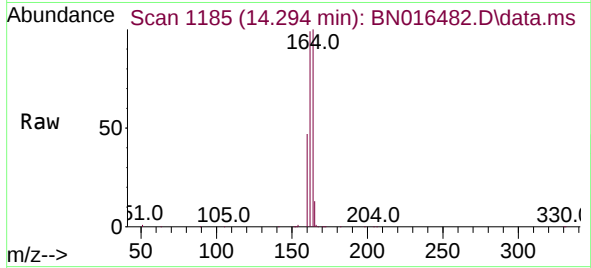




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

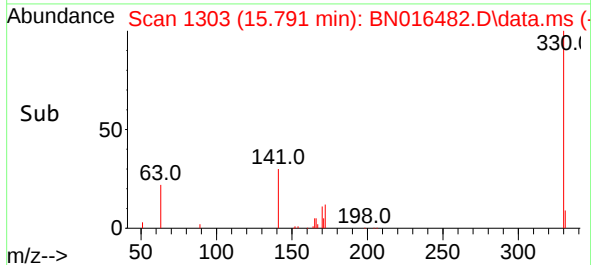
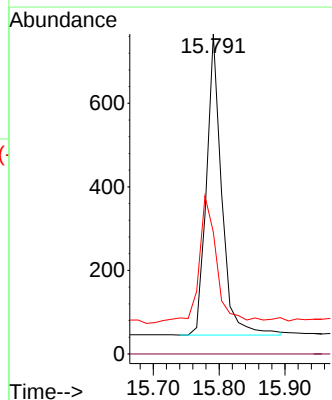
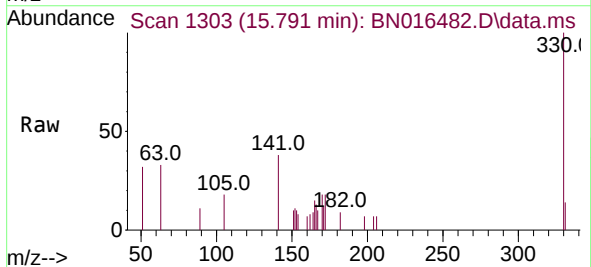
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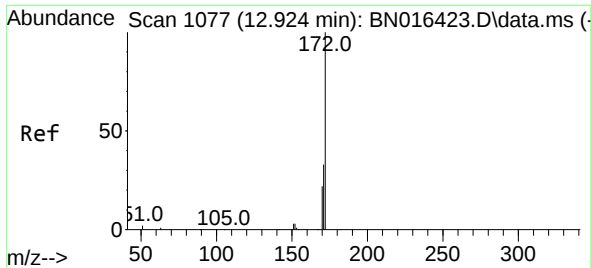
Tgt Ion:	164	Resp:	51071
Ion Ratio	Lower	Upper	
164	100		
162	99.2	79.0	118.4
160	46.6	34.1	51.1



#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:	330	Resp:	1160
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	44.5	25.0	37.4

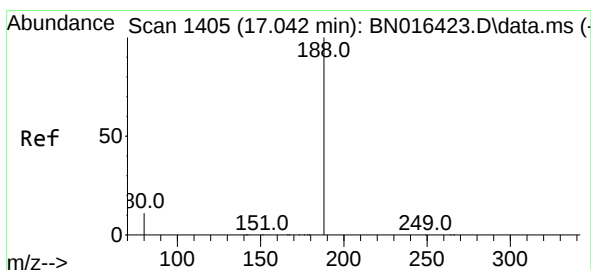
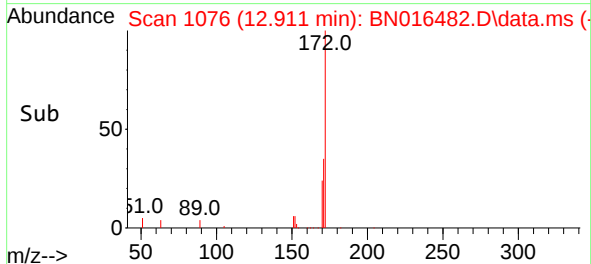
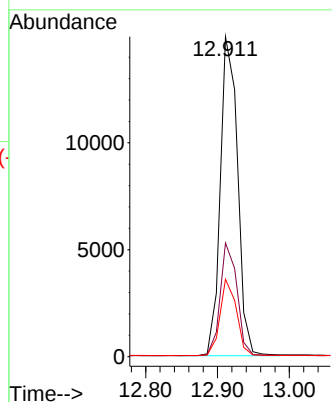
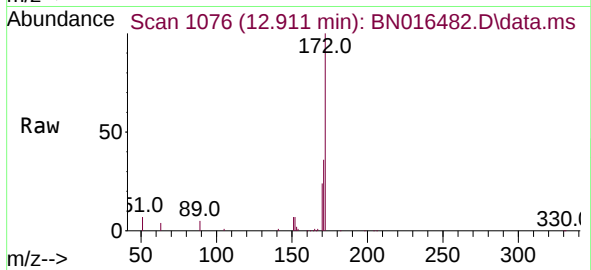




#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

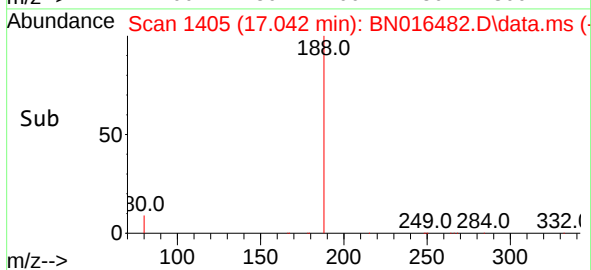
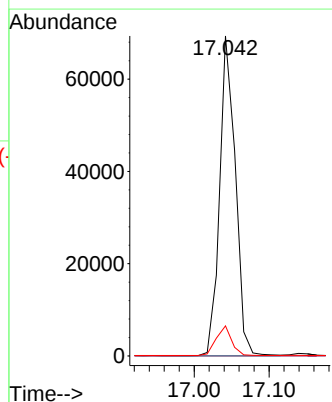
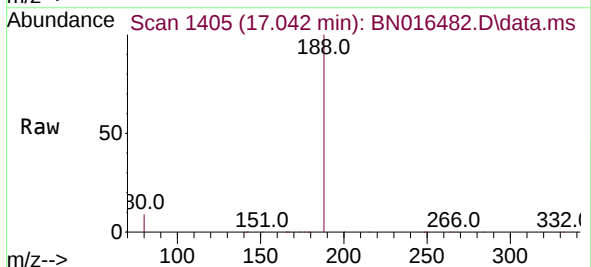
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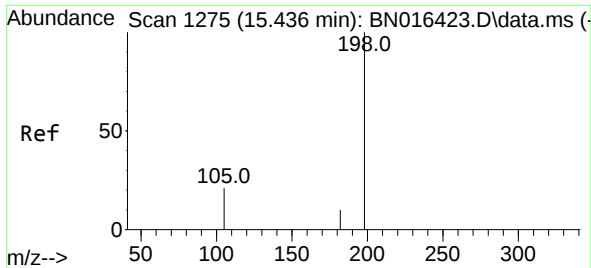
Tgt Ion:172	Resp:	24922
Ion Ratio	Lower	Upper
172	100	
171	35.6	27.8 41.6
170	24.2	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:188	Resp:	101082
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.4	7.0 10.6

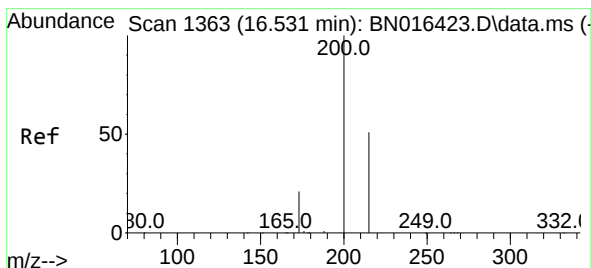
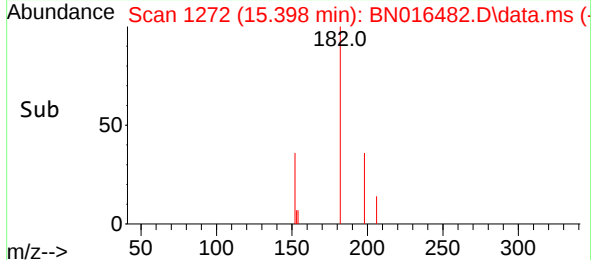
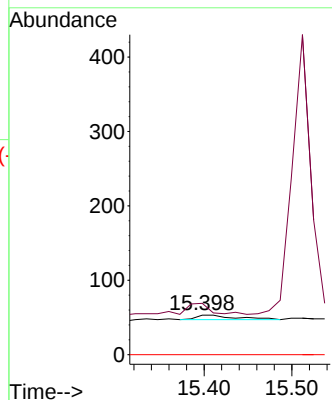
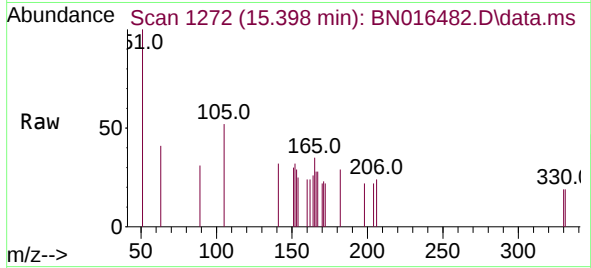




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

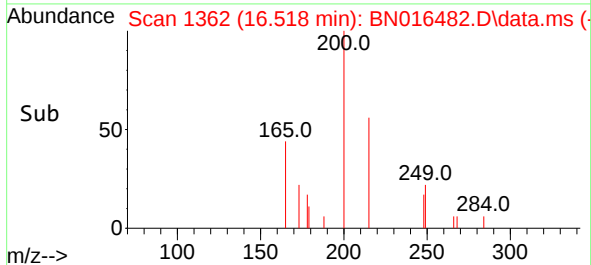
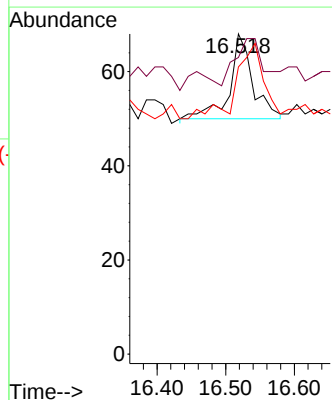
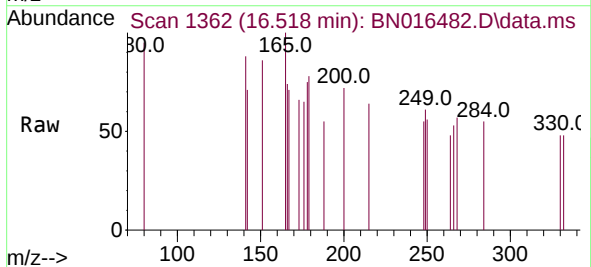
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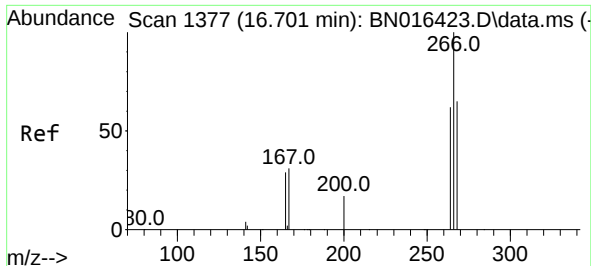
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 130.2 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:200 Resp: 42
Ion Ratio Lower Upper
200 100
173 92.6 18.7 28.1#
215 89.7 41.6 62.4#

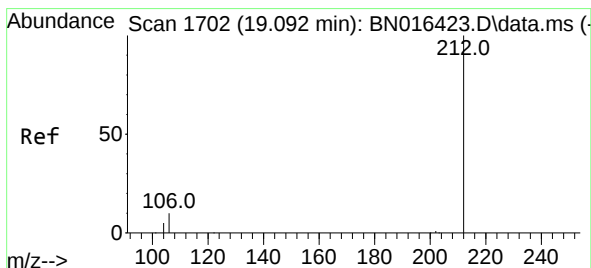
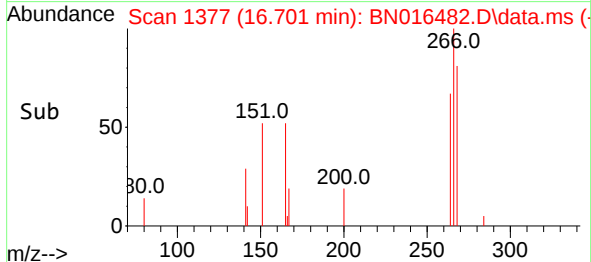
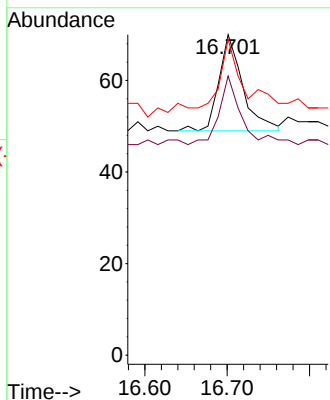
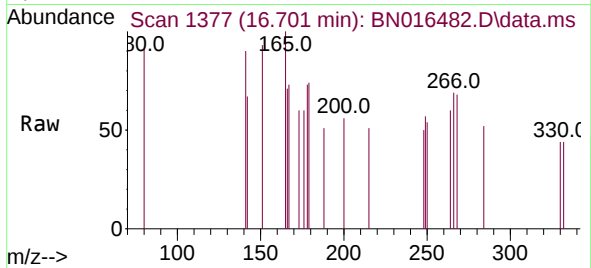




#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

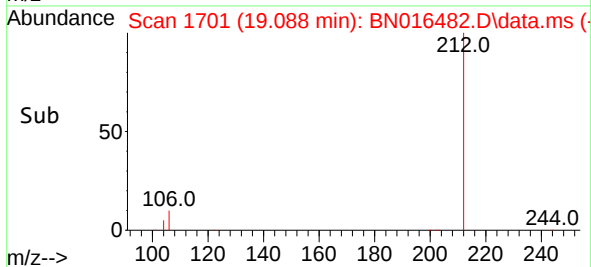
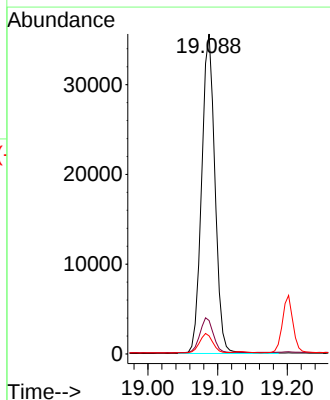
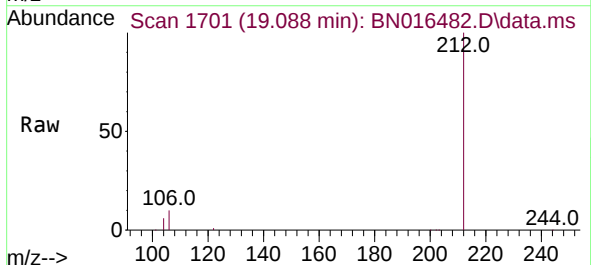
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914DL

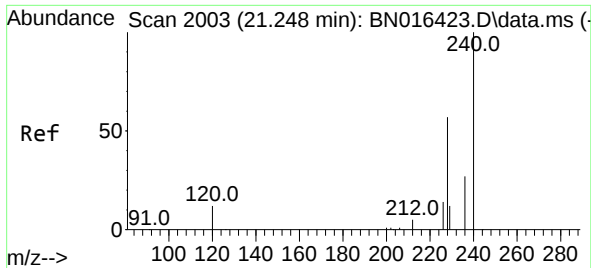
Tgt Ion:	266	Resp:	42
Ion Ratio	Lower	Upper	
266	100		
264	66.7	50.6	75.8
268	100.0	52.6	79.0#



#27
Fluoranthene-d10
Concen: 0.171 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:	212	Resp:	47319
Ion Ratio	Lower	Upper	
212	100		
106	10.9	9.8	14.6
104	6.1	5.4	8.2

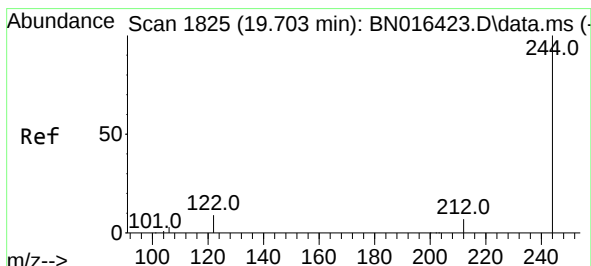
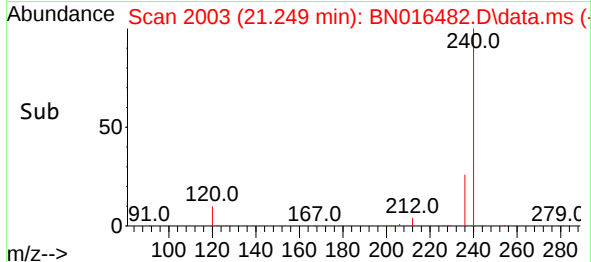
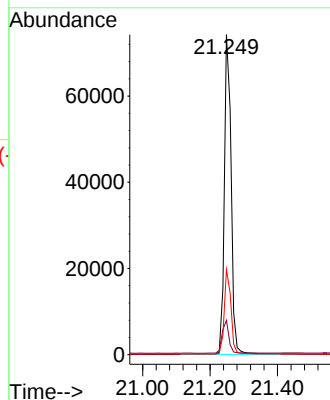
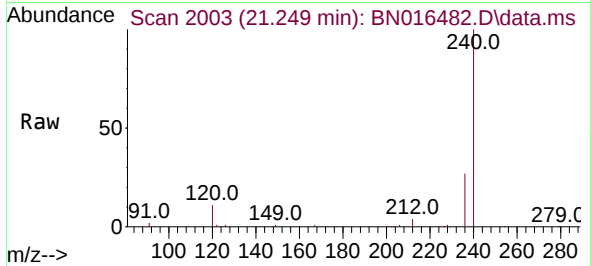




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

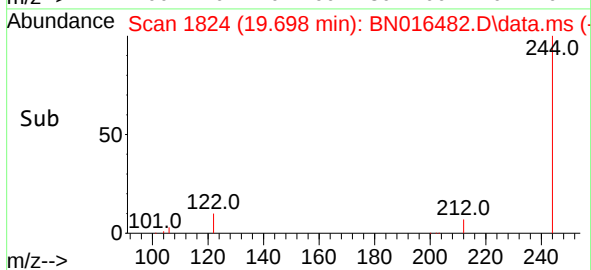
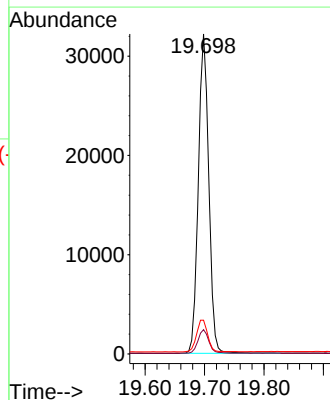
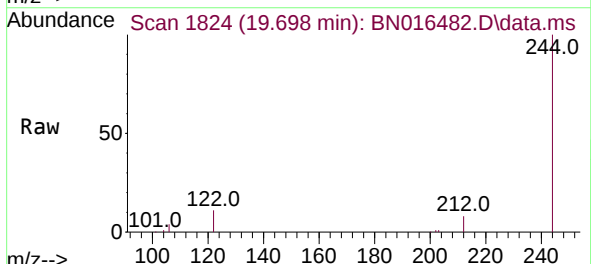
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210914DL

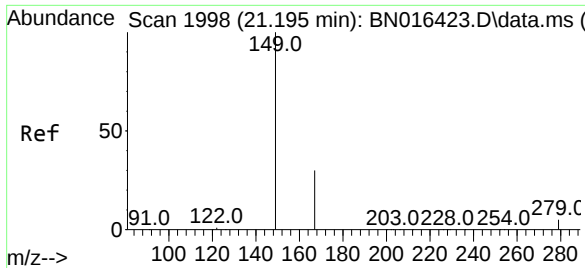
Tgt Ion:240 Resp: 102827
Ion Ratio Lower Upper
240 100
120 10.8 5.3 7.9#
236 26.6 19.8 29.8



#31
Terphenyl-d14
Concen: 0.163 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016482.D
Acq: 25 Sep 2021 19:21

Tgt Ion:244 Resp: 39068
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 10.5 9.0 13.4

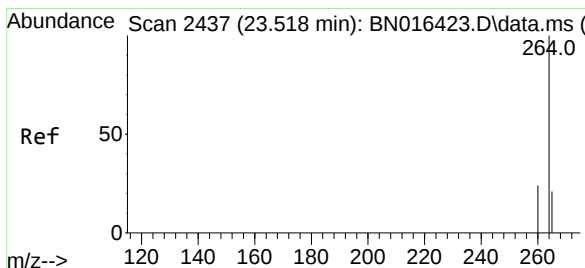
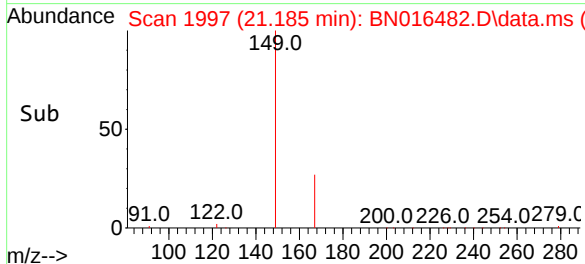
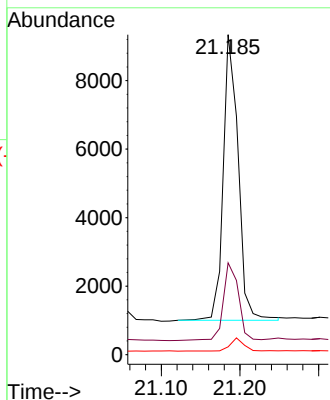
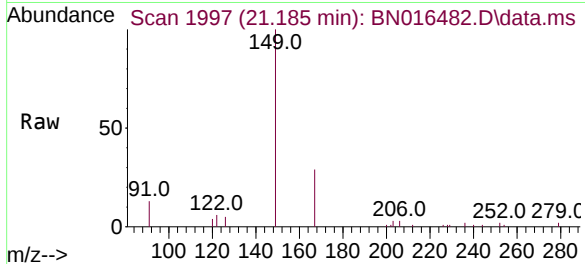




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016482.D
 Acq: 25 Sep 2021 19:21

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210914DL

Tgt Ion:	149	Resp:	10926
Ion Ratio	Lower	Upper	
149	100		
167	27.6	23.4	35.0
279	4.3	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: BN016482.D
 Acq: 25 Sep 2021 19:21

Tgt Ion:	264	Resp:	87136
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.9	28.3
265	23.2	23.7	35.5

