

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016464.D
 Acq On : 25 Sep 2021 08:25
 Operator : CG/JU
 Sample : M3782-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:02:17 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)

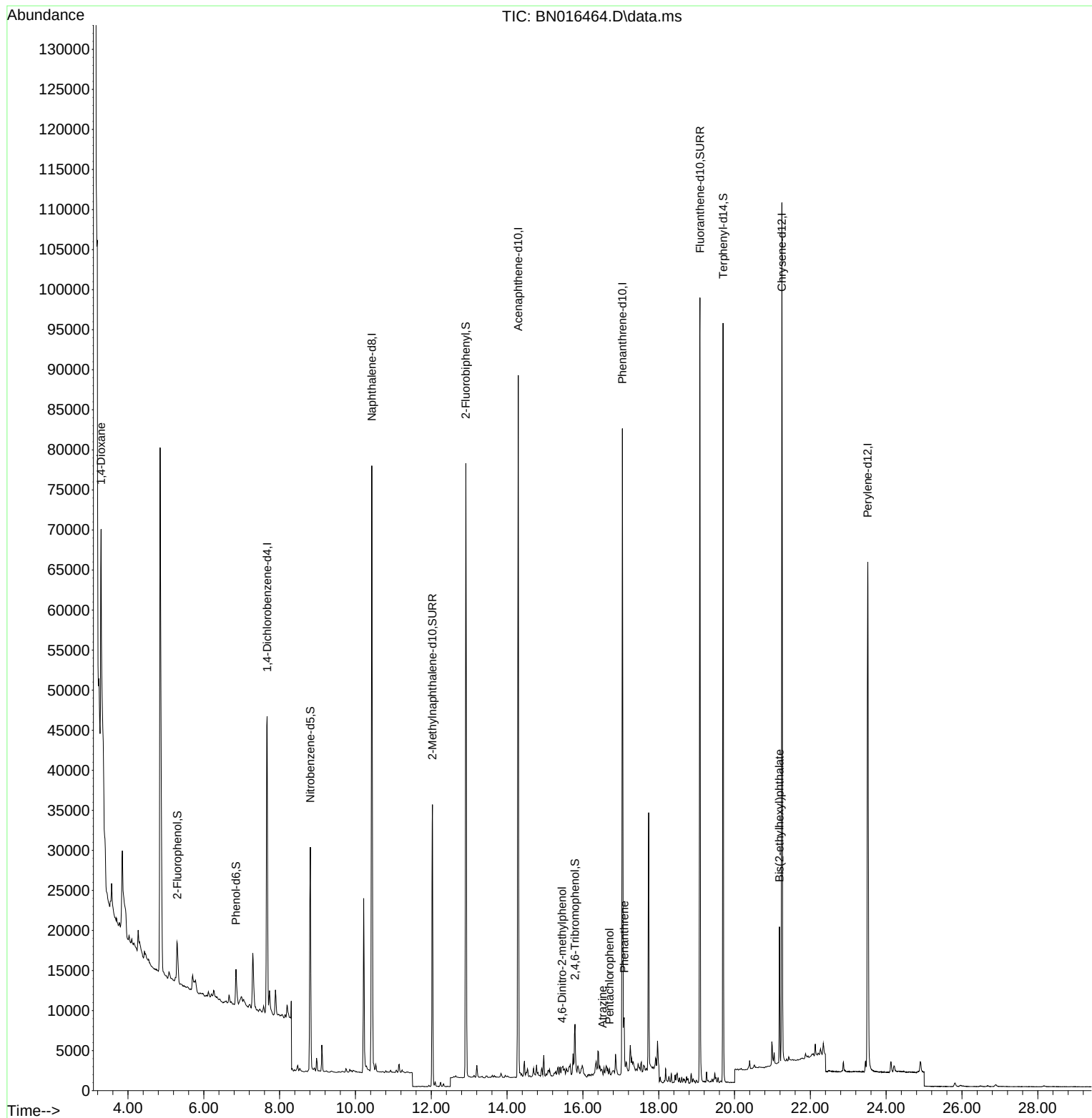
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22567	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	97770	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50103	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	103470	0.400	ng	0.00
29) Chrysene-d12	21.249	240	98151	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	86102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6516	0.129	ng	0.02
5) Phenol-d6	6.849	99	4146	0.069	ng	0.00
8) Nitrobenzene-d5	8.810	82	21985	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47074	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4253	0.353	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	66977	0.318	ng	-0.01
27) Fluoranthene-d10	19.088	212	111797	0.394	ng	0.00
31) Terphenyl-d14	19.698	244	93568	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	20748	2.145	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.449	198	29	0.150	ng	# 1
23) Atrazine	16.519	200	58	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	55	0.246	ng	94
25) Phenanthrene	17.090	178	8470	0.028	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.185	149	14755	0.190	ng	97

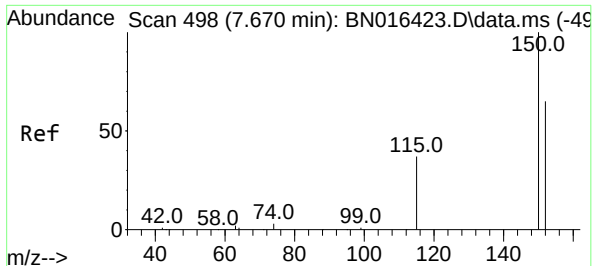
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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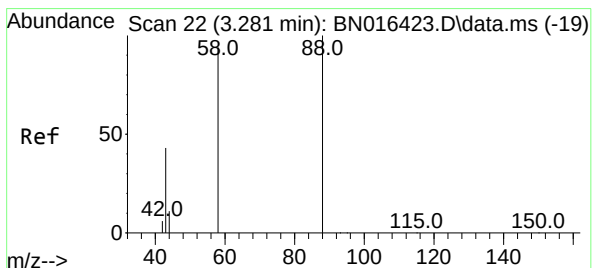
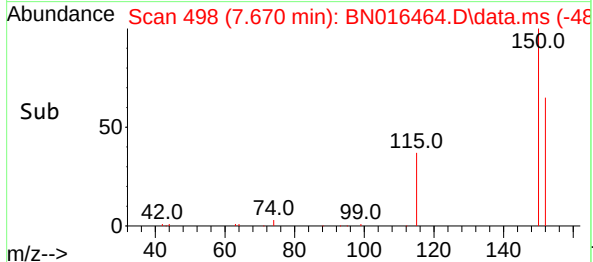
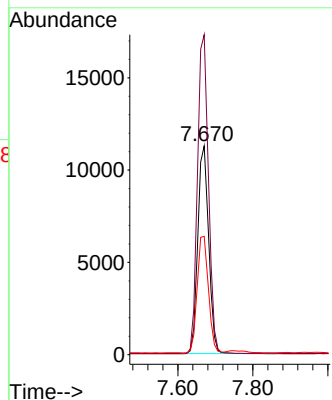
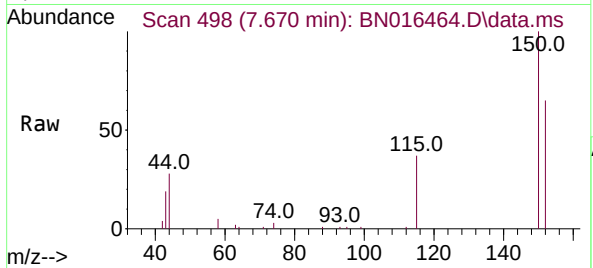




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

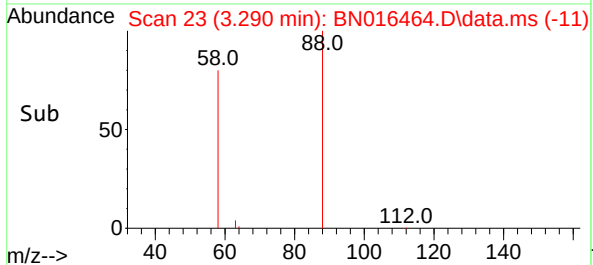
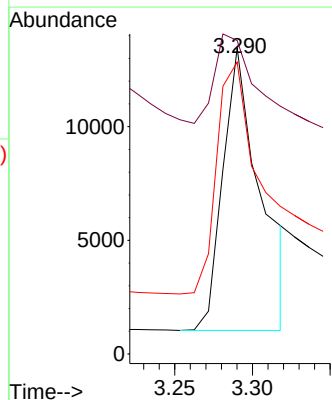
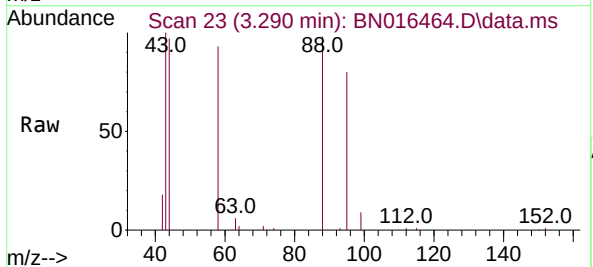
Instrument :
BNA_N
ClientSampleId :

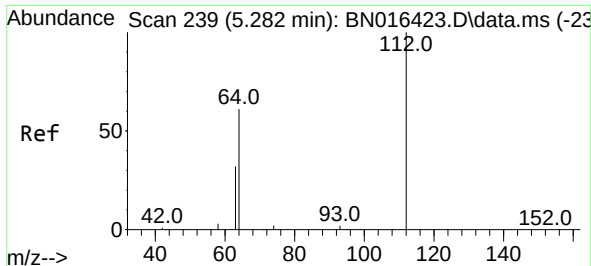
Tgt Ion:152 Resp: 22567
Ion Ratio Lower Upper
152 100
150 153.3 125.6 188.4
115 56.7 50.2 75.2



#2
1,4-Dioxane
Concen: 2.145 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.009 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion: 88 Resp: 20748
Ion Ratio Lower Upper
88 100
43 32.5 20.3 30.5#
58 93.6 69.9 104.9

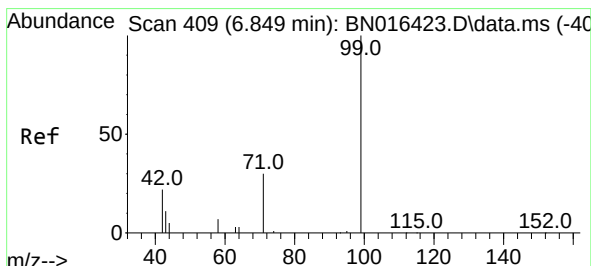
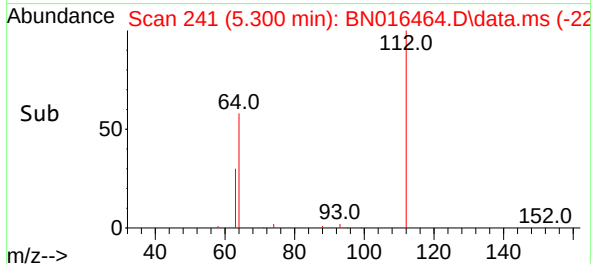
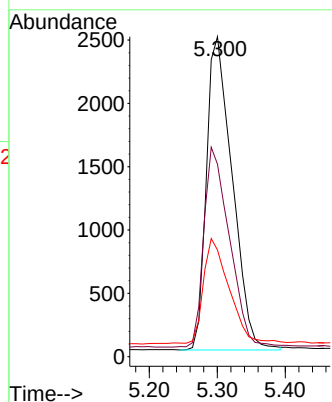
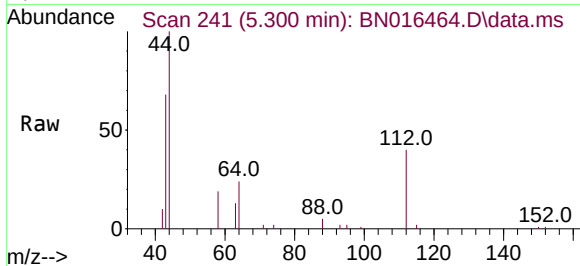




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

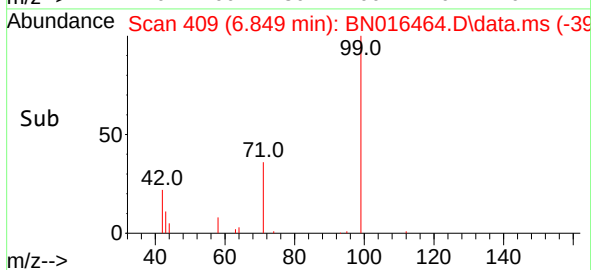
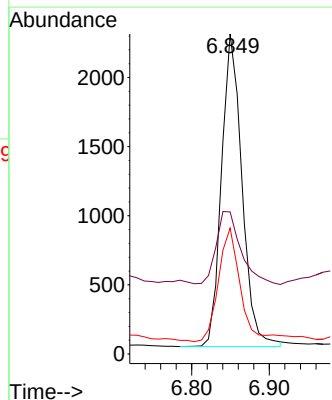
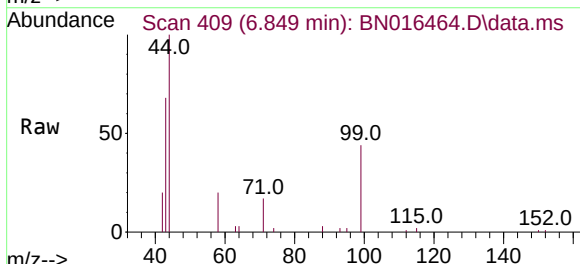
Instrument :
BNA_N
ClientSampleId :

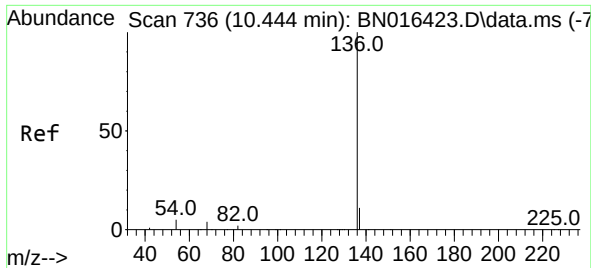
Tgt Ion:	112	Resp:	6516
Ion Ratio	Lower	Upper	
112	100		
64	63.3	47.3	70.9
63	33.5	23.4	35.0



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:	99	Resp:	4146
Ion Ratio	Lower	Upper	
99	100		
42	28.0	14.0	21.0#
71	39.0	23.8	35.6#

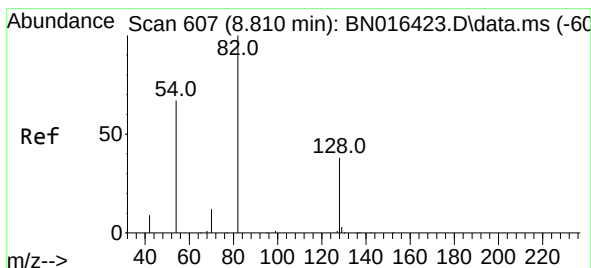
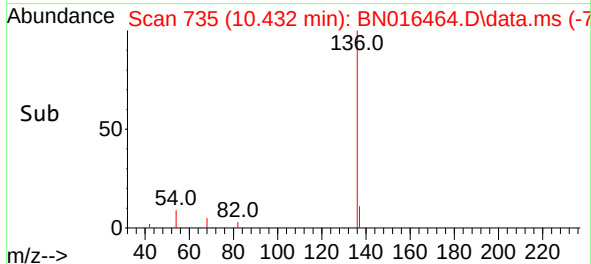
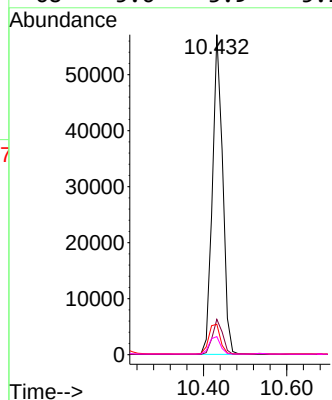
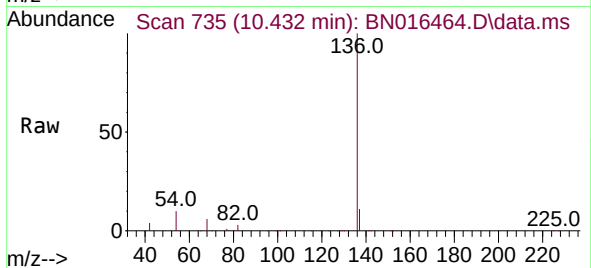




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

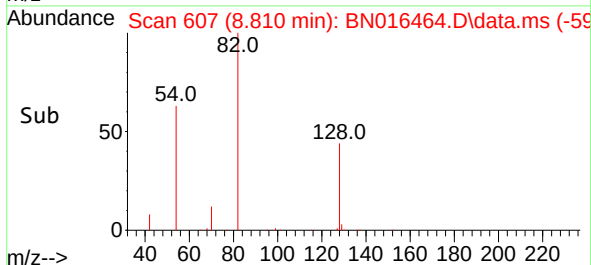
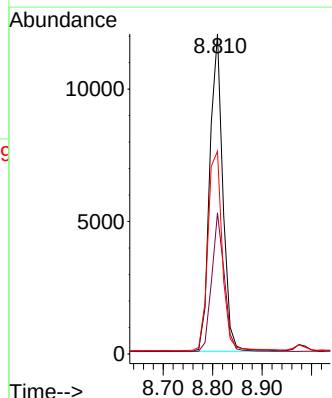
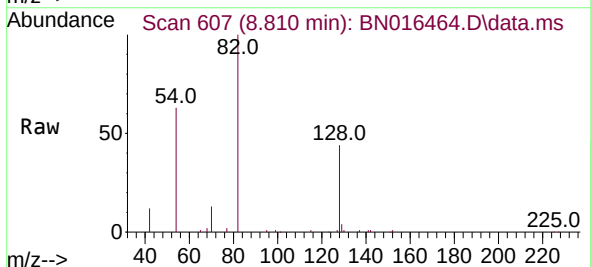
Instrument :
BNA_N
ClientSampleId :

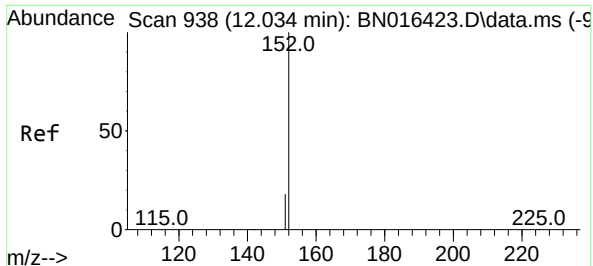
Tgt Ion:	136	Resp:	97770
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.5	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:	82	Resp:	21985
Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.7	47.5
54	63.3	46.4	69.6

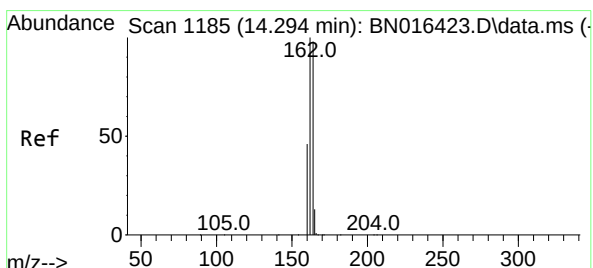
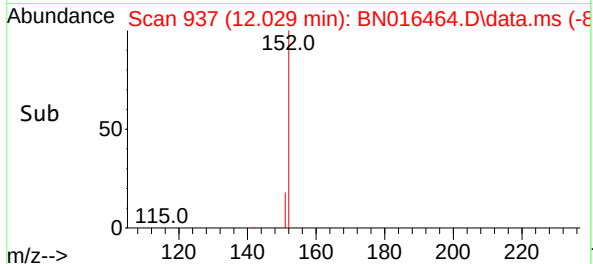
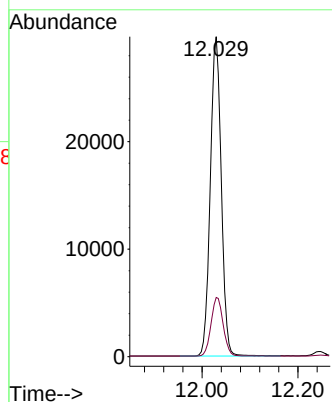
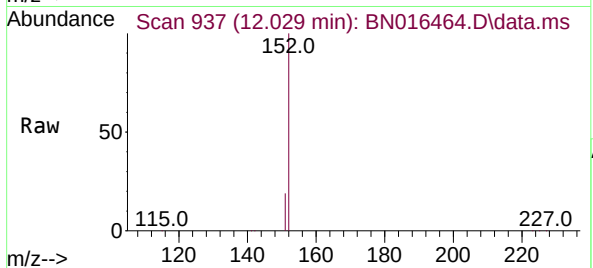




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

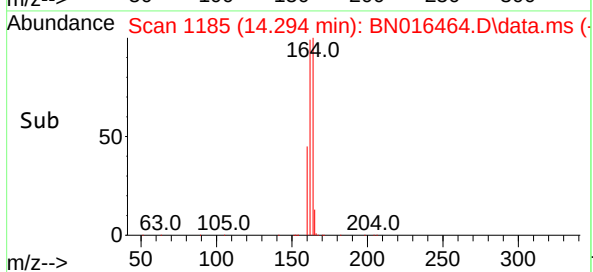
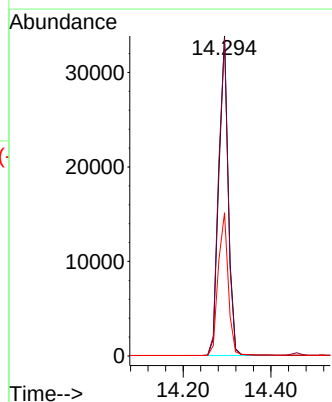
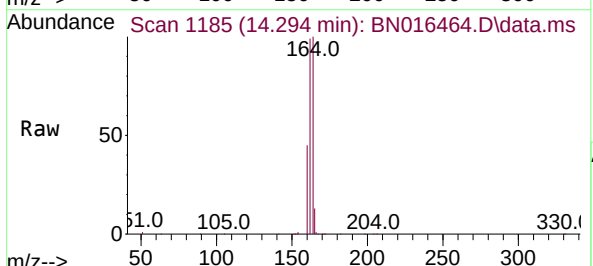
Instrument :
BNA_N
ClientSampleId :

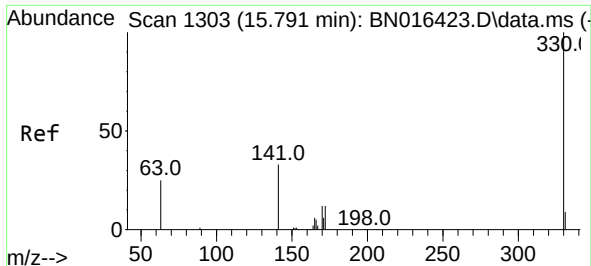
Tgt Ion:152 Resp: 47074
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:164 Resp: 50103
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.4
160 44.8 34.1 51.1

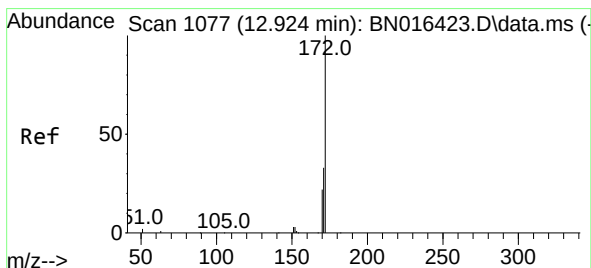
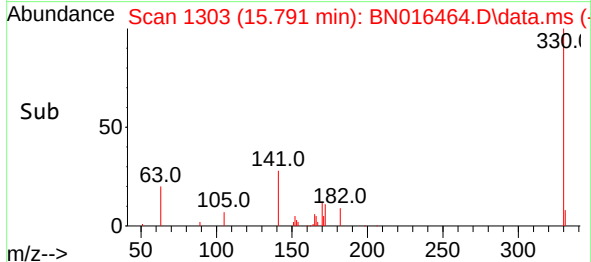
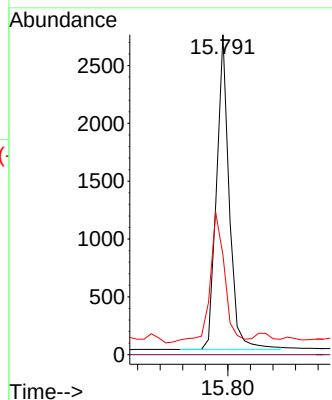
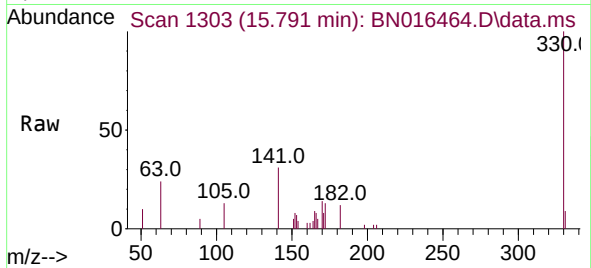




#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

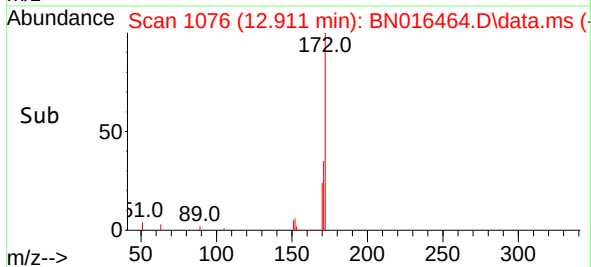
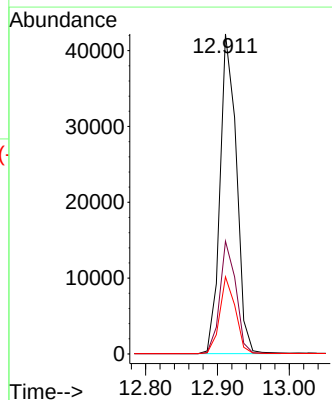
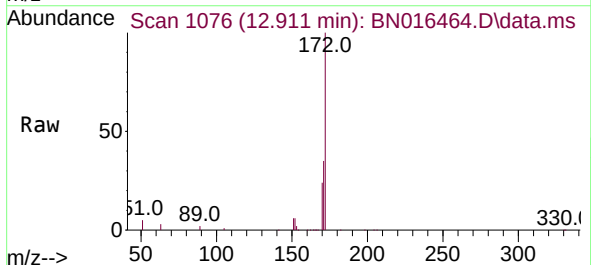
Instrument :
BNA_N
ClientSampleId :

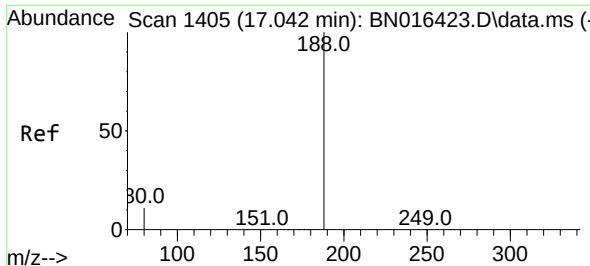
Tgt Ion: 330 Resp: 4253
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion: 172 Resp: 66977
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.1 18.2 27.2

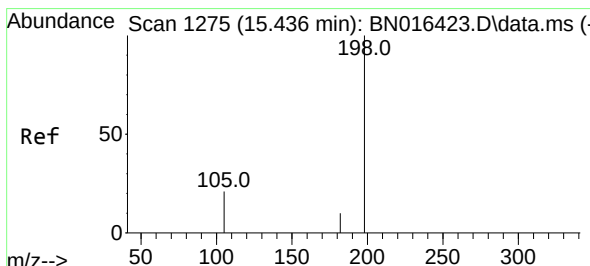
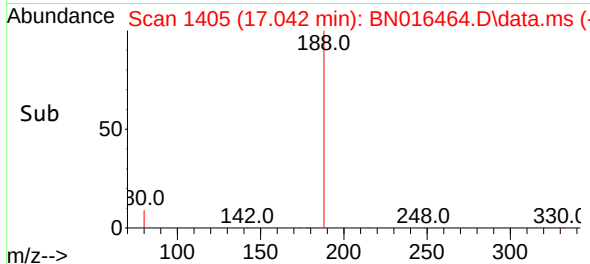
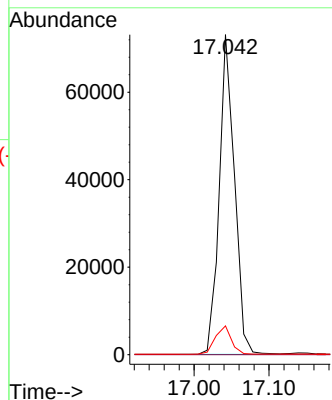
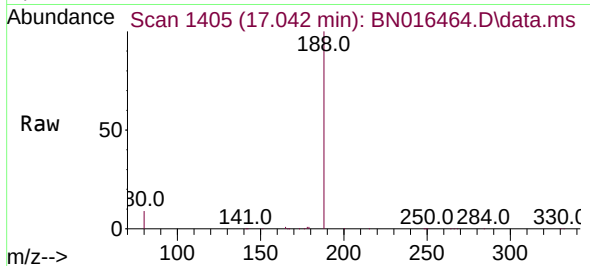




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

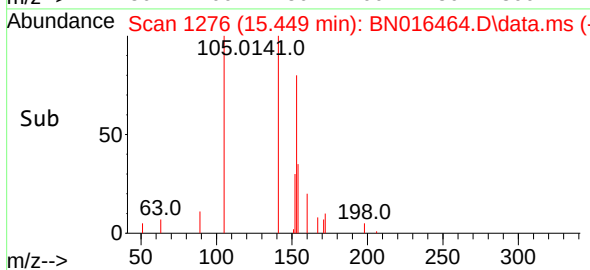
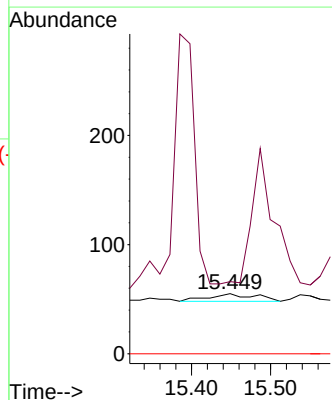
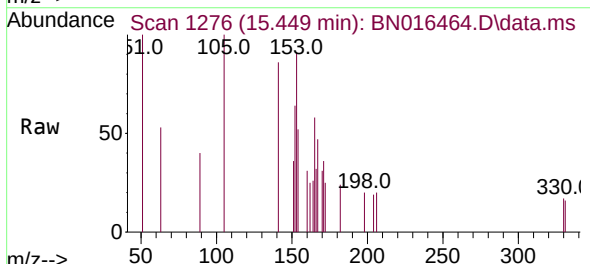
Instrument :
BNA_N
ClientSampleId :

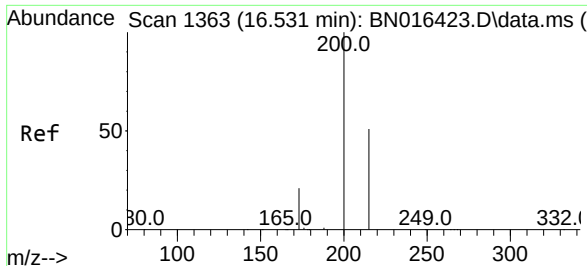
Tgt Ion:188 Resp: 103470
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
182 120.0 26.6 39.8#
77 0.0 0.0 0.0

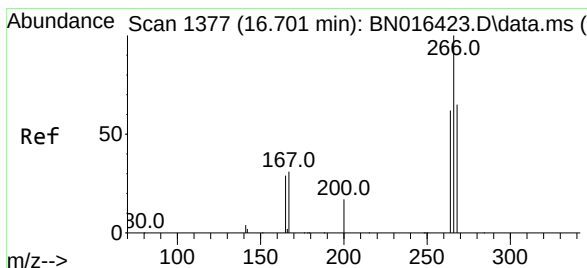
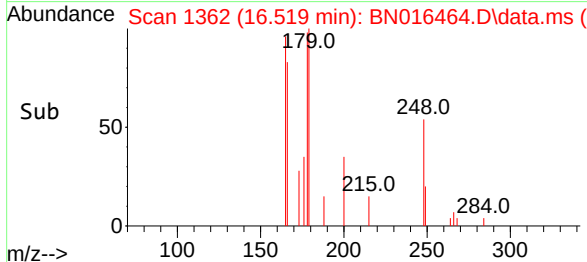
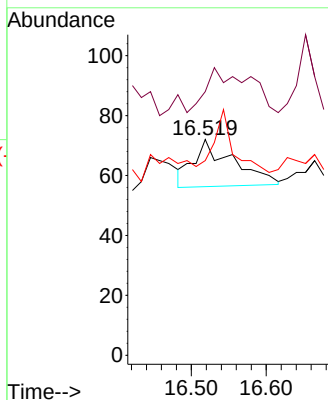
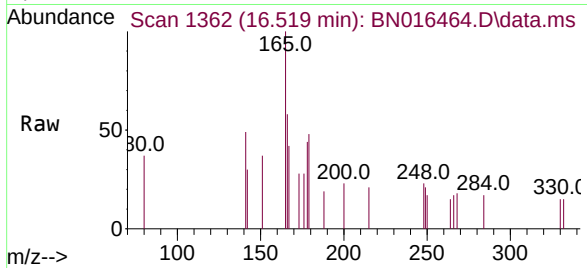




#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

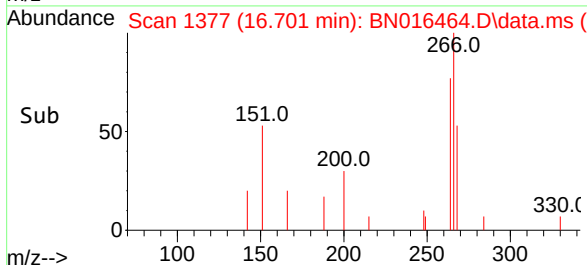
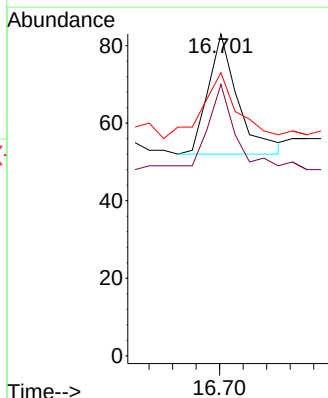
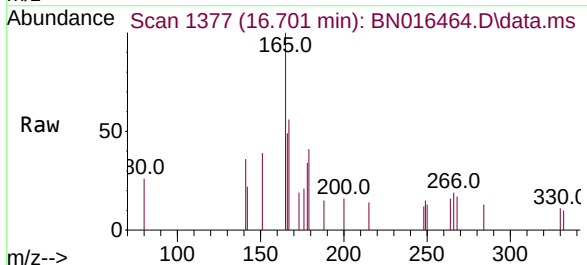
Instrument :
BNA_N
ClientSampleId :

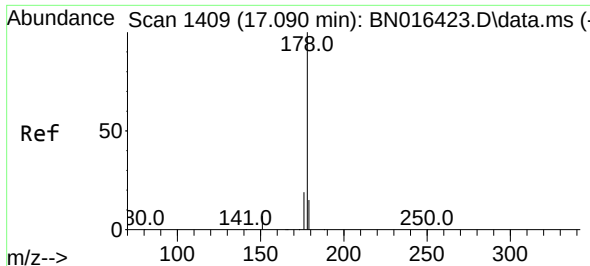
Tgt Ion:200 Resp: 58
Ion Ratio Lower Upper
200 100
173 122.2 18.7 28.1#
215 90.3 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 70.9 50.6 75.8
268 63.6 52.6 79.0

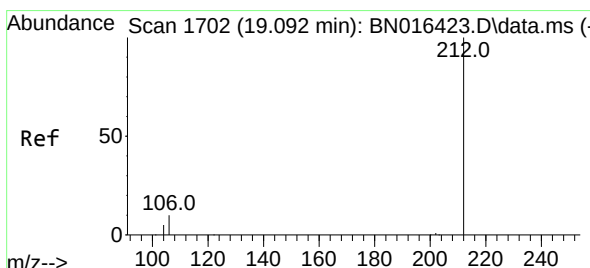
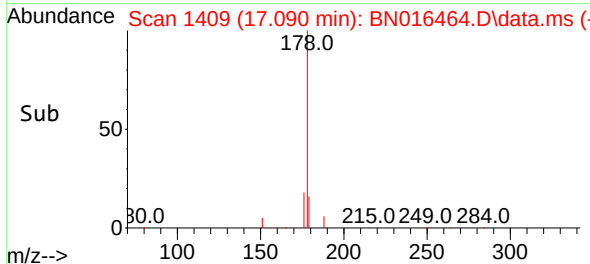
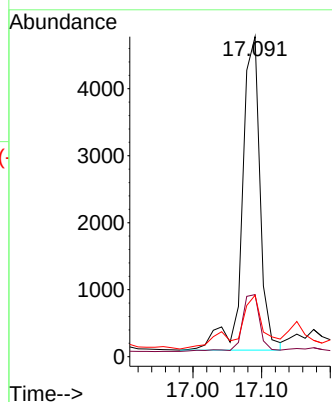
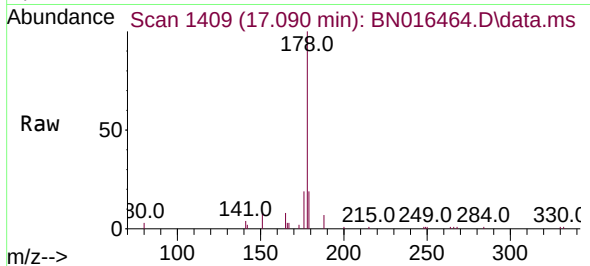




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

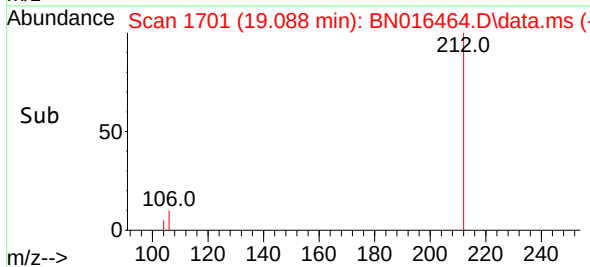
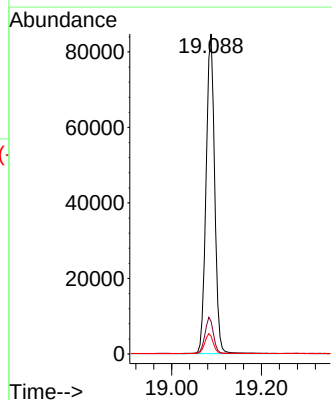
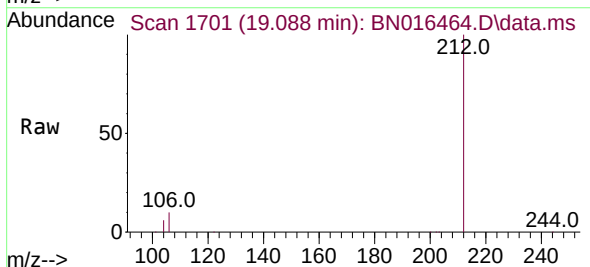
Instrument :
BNA_N
ClientSampleId :

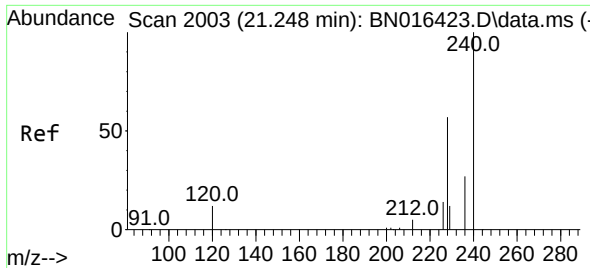
Tgt Ion:178 Resp: 8470
Ion Ratio Lower Upper
178 100
176 18.5 14.4 21.6
179 24.7 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:212 Resp: 111797
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.1 5.4 8.2

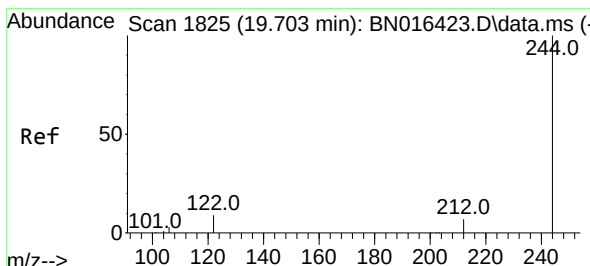
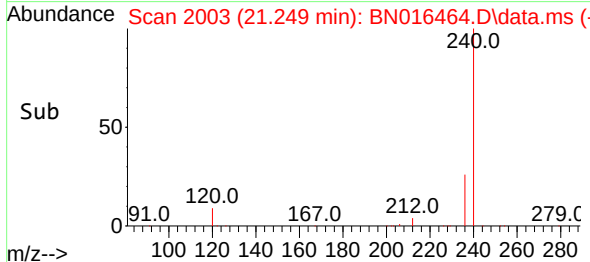
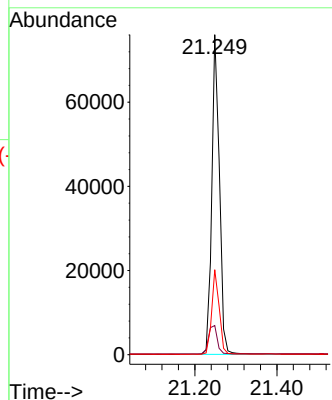
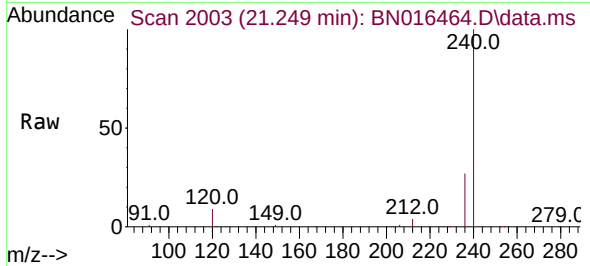




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

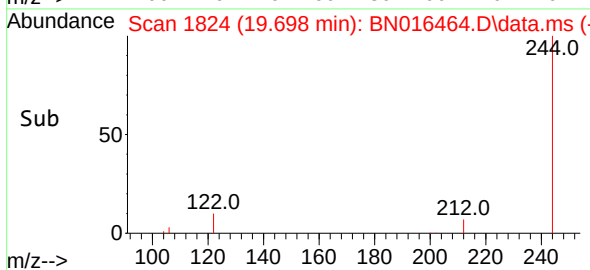
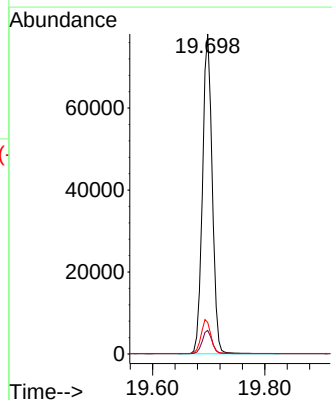
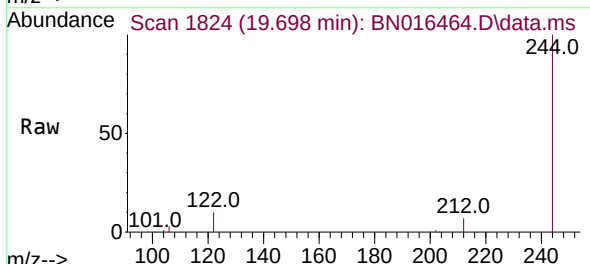
Instrument :
BNA_N
ClientSampleId :

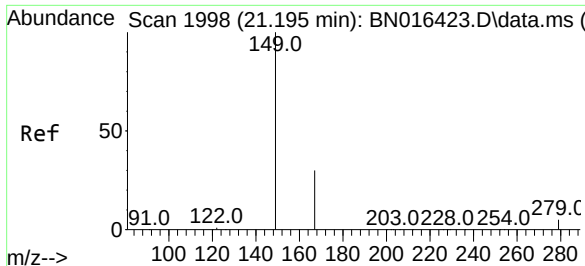
Tgt Ion:240 Resp: 98151
Ion Ratio Lower Upper
240 100
120 9.1 5.3 7.9#
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:244 Resp: 93568
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 9.8 9.0 13.4

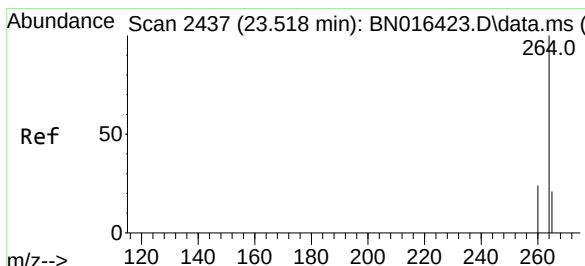
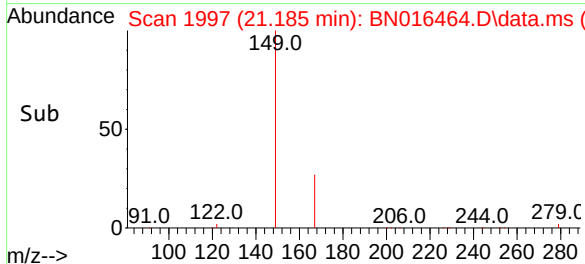
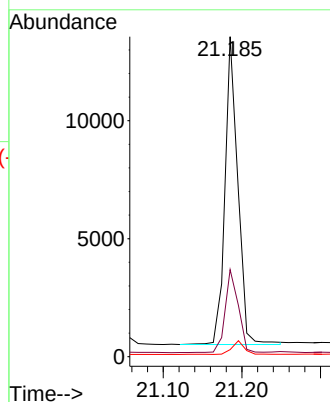
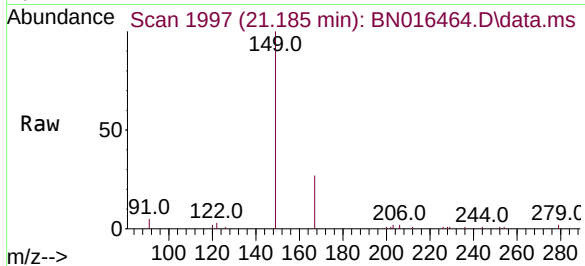




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016464.D
Acq: 25 Sep 2021 08:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149	Resp:	14755
Ion Ratio	Lower	Upper
149	100	
167	27.5	23.4 35.0
279	4.4	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: BN016464.D
Acq: 25 Sep 2021 08:25

Tgt Ion:264	Resp:	86102
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.9 28.3
265	23.8	23.7 35.5

