

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123160.D
 Acq On : 9 Feb 2021 11:50
 Operator : JU/CG
 Sample : M1333-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT27339-CHRT20101

Quant Time: Feb 09 13:09:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

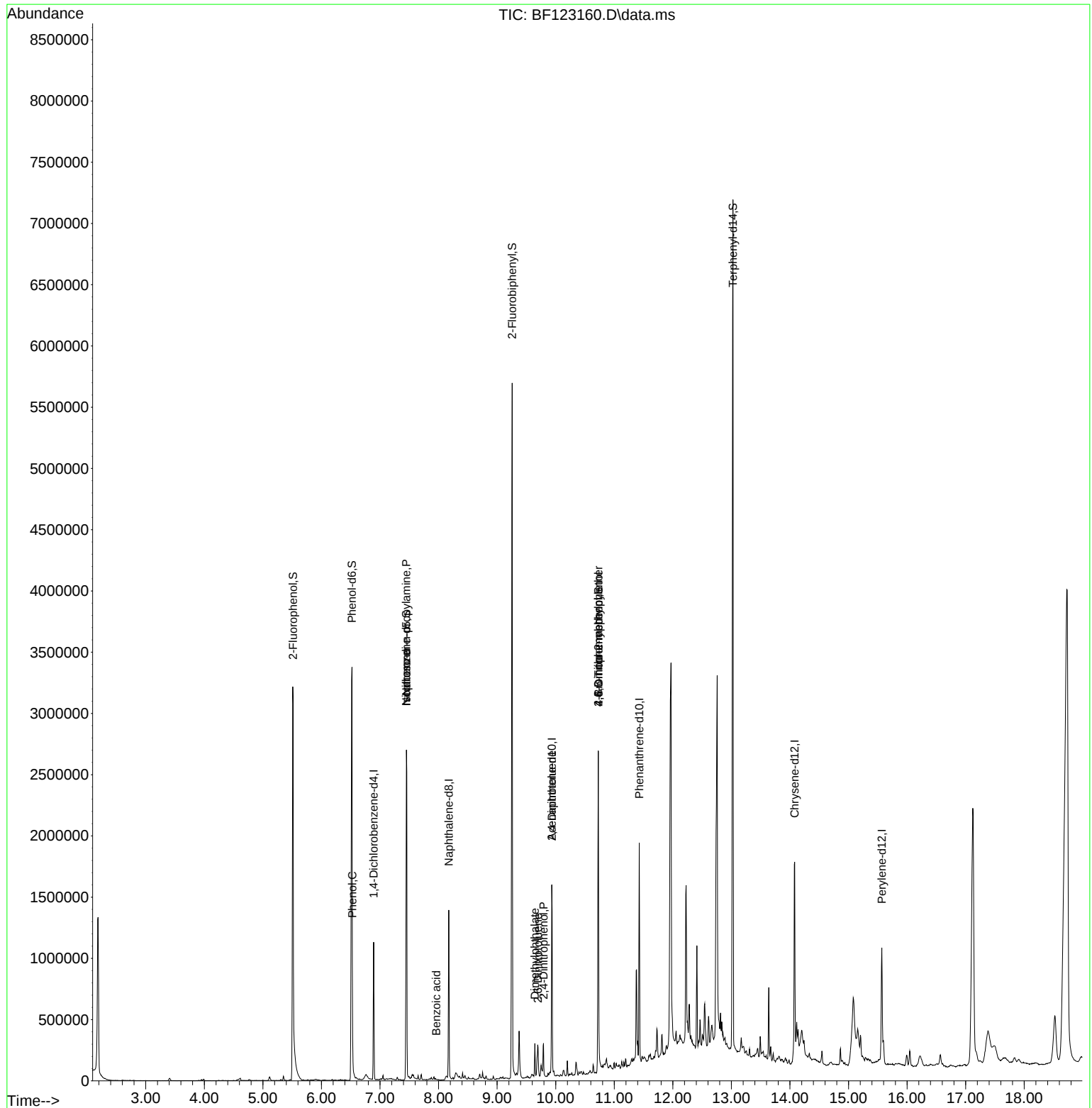
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	149468	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	585797	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	326909	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	618836	20.00	ng	0.00
76) Chrysene-d12	14.080	240	563585	20.00	ng	0.00
86) Perylene-d12	15.568	264	450535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1259679	130.00	ng	0.01
7) Phenol-d6	6.522	99	1473678	112.20	ng	0.00
23) Nitrobenzene-d5	7.451	82	992785	85.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	343414	96.77	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1910495	86.88	ng	0.00
79) Terphenyl-d14	13.027	244	2391248	83.36	ng	0.00
Target Compounds						
10) Phenol	6.528	94	48622	3.73	ng	86
19) n-Nitroso-di-n-propyla...	7.451	70	135837	17.20	ng	# 78
25) Isophorone	7.451	82	990350	46.45	ng	# 65
32) Benzoic acid	7.963	122	817	5.02	ng	# 1
50) Dimethylphthalate	9.645	163	105418	4.11	ng	99
51) 2,6-Dinitrotoluene	9.698	165	33573	6.14	ng	# 33
54) 2,4-Dinitrophenol	9.792	184	125	6.89	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	42237	5.94	ng	# 27
65) 4,6-Dinitro-2-methylph...	10.727	198	680	5.15	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	22901	2.91	ng	# 1

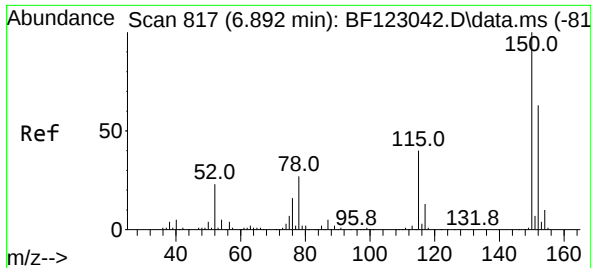
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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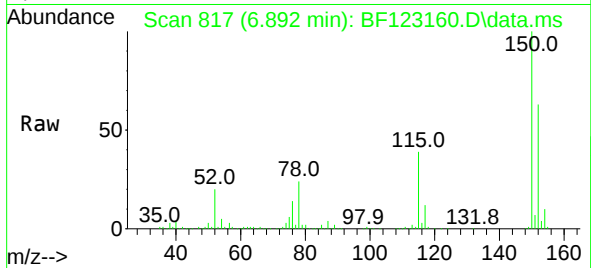
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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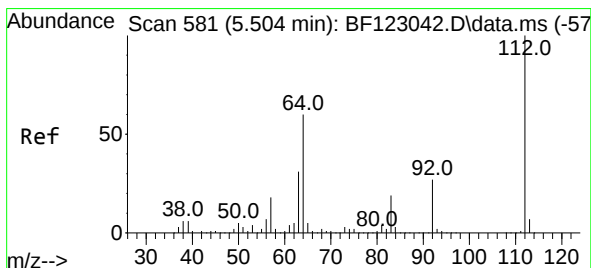
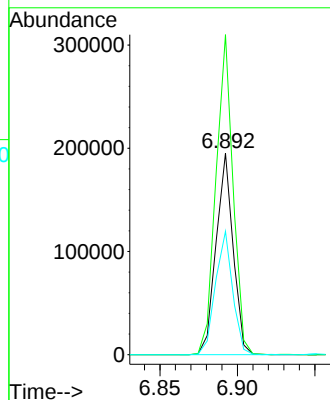
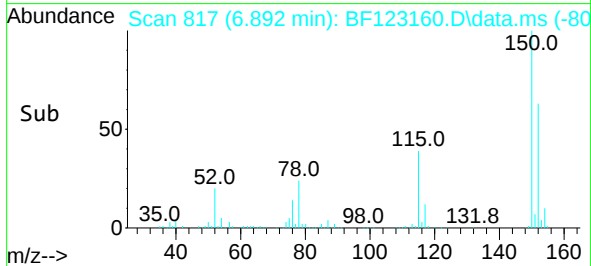


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

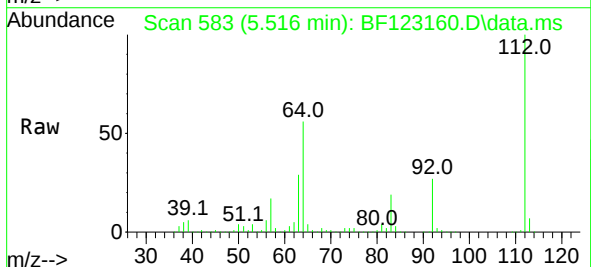
Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101



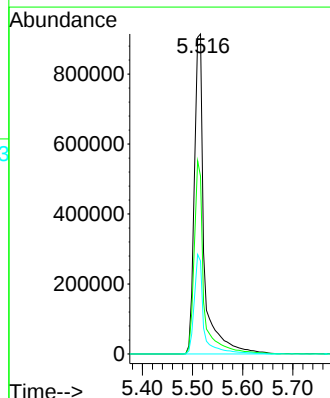
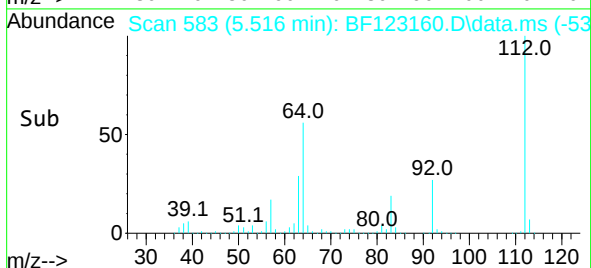
Tgt Ion:152 Resp: 149468
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 61.2 49.3 73.9

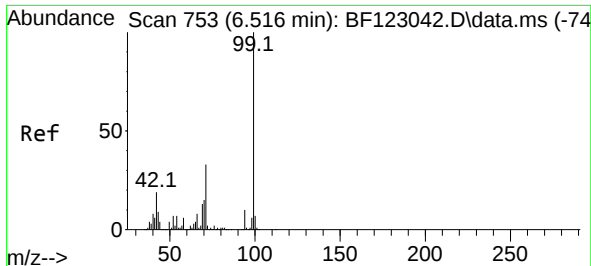


#5
2-Fluorophenol
Concen: 130.00 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50



Tgt Ion:112 Resp: 1259679
Ion Ratio Lower Upper
112 100
64 55.5 46.9 70.3
63 29.1 24.5 36.7



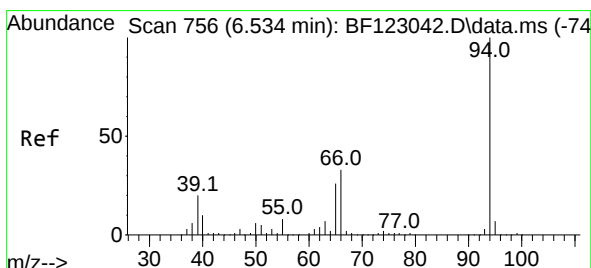
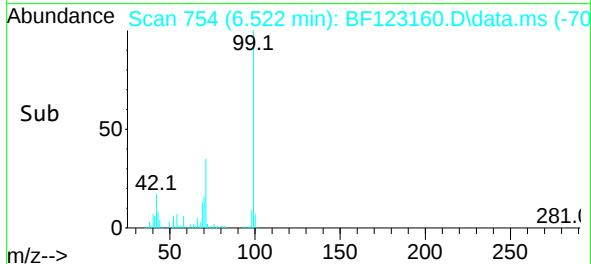
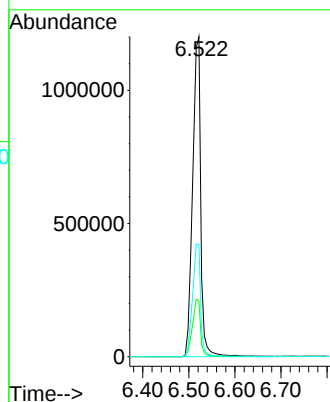
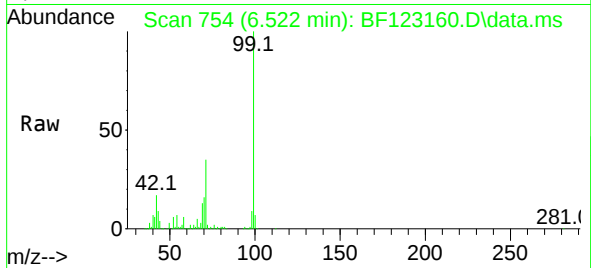


#7
Phenol-d6
Concen: 112.20 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

Tgt Ion: 99 Resp: 1473678

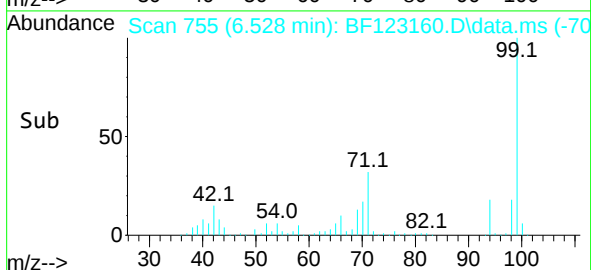
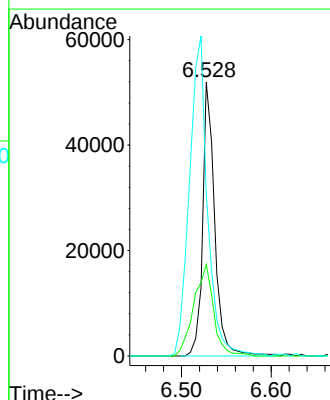
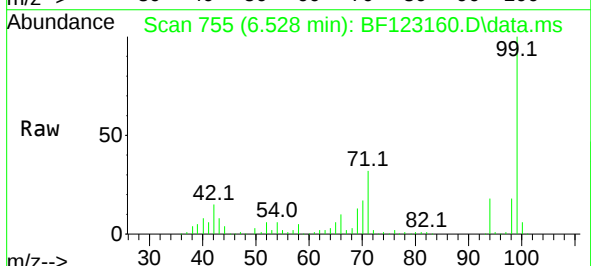
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	35.1	26.9	40.3

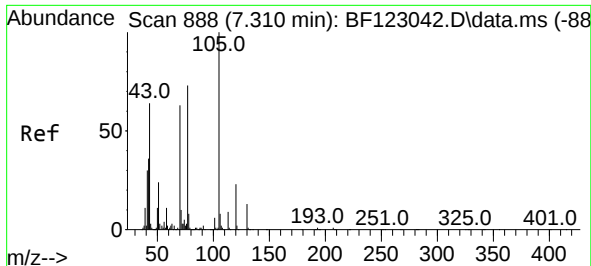


#10
Phenol
Concen: 3.73 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion: 94 Resp: 48622

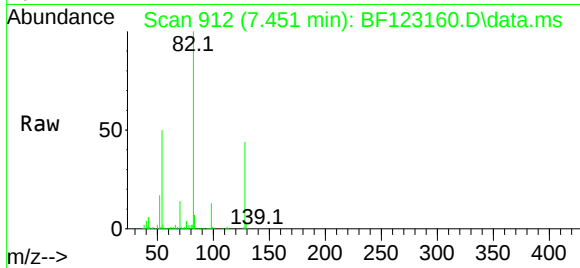
Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.2	51.2
66	59.1	25.8	65.8



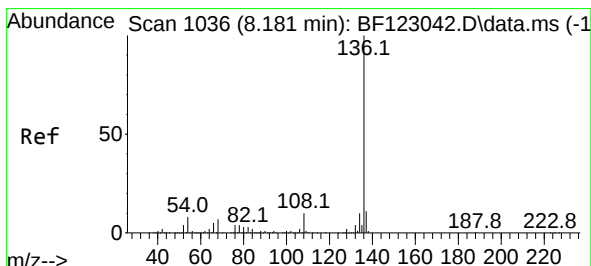
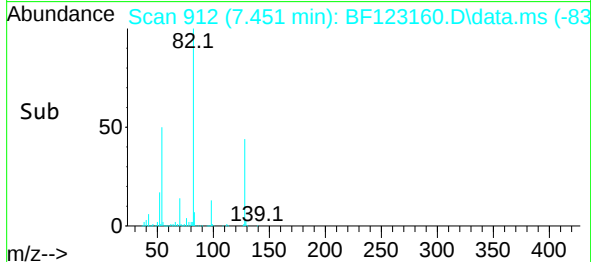
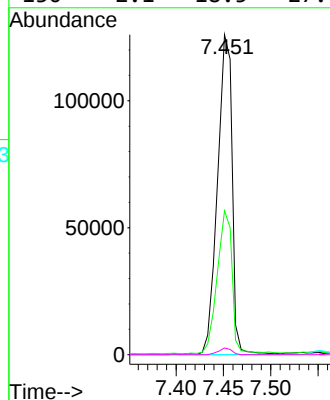


#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

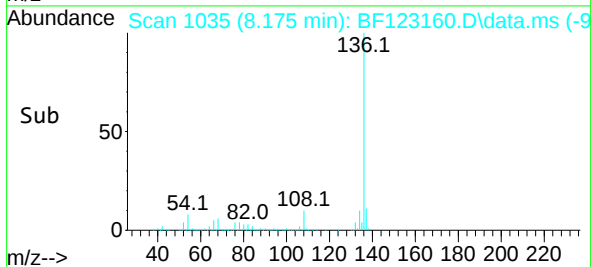
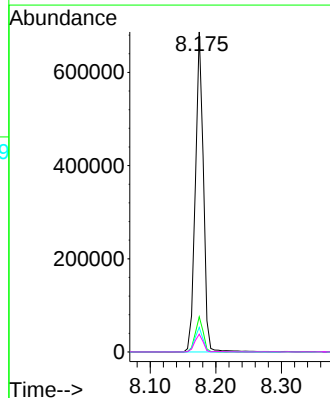
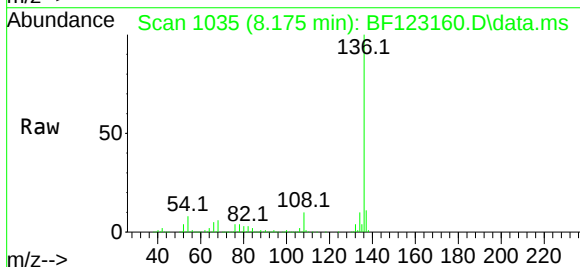


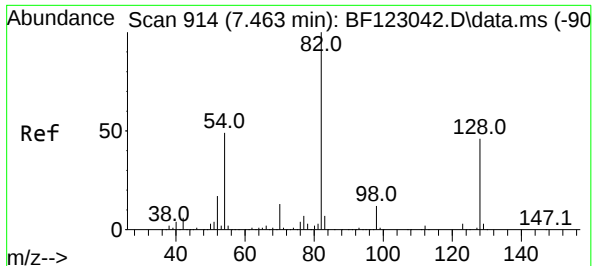
Tgt Ion: 70 Resp: 135837
Ion Ratio Lower Upper
70 100
42 45.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion: 136 Resp: 585797
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 5.5 8.3
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 85.29 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123160.D

Acq: 9 Feb 2021 11:50

Tgt Ion: 82 Resp: 992785

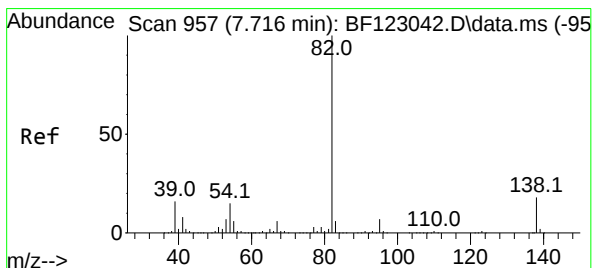
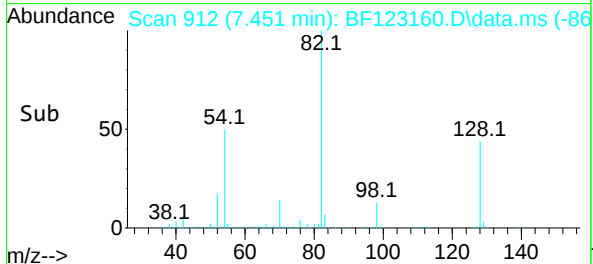
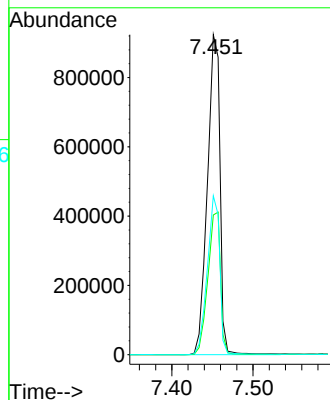
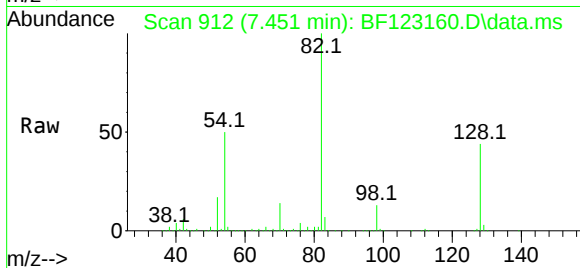
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.4
54	49.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

CHRT27339-CHRT20101



#25

Isophorone

Concen: 46.45 ng

RT: 7.451 min Scan# 912

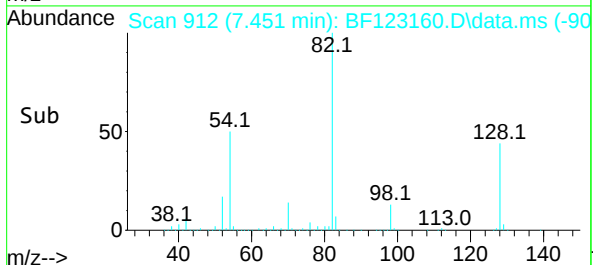
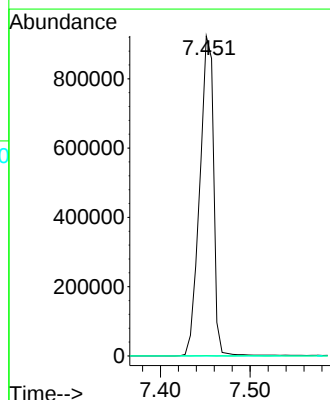
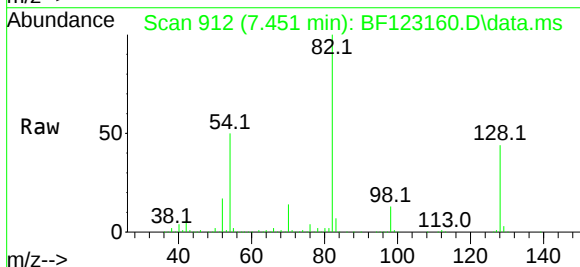
Delta R.T. -0.265 min

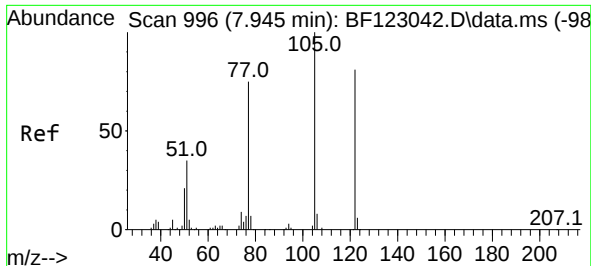
Lab File: BF123160.D

Acq: 9 Feb 2021 11:50

Tgt Ion: 82 Resp: 990350

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

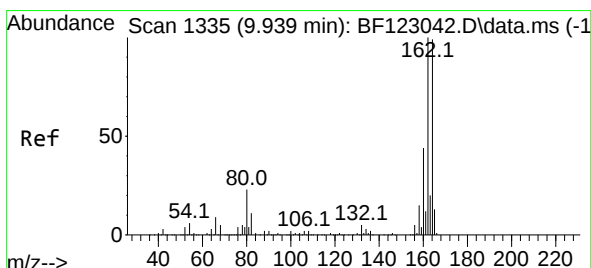
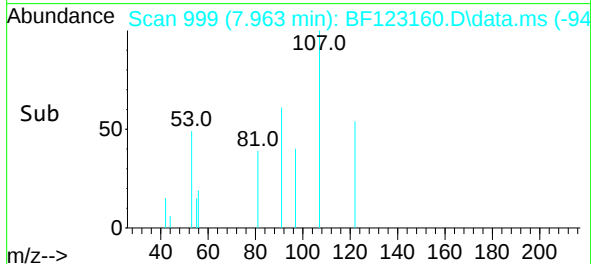
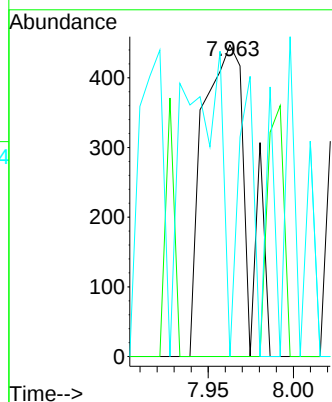
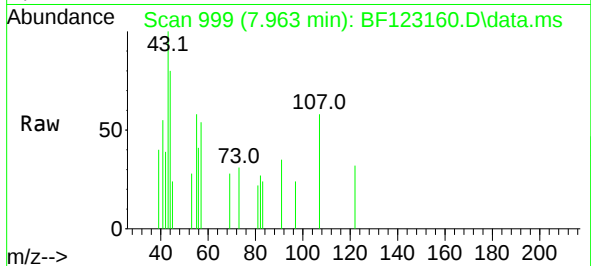




#32
Benzoic acid
Concen: 5.02 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

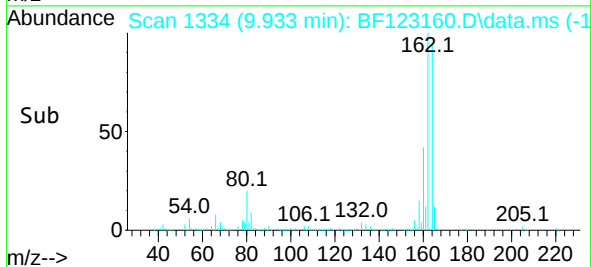
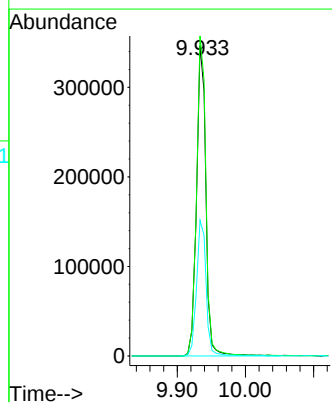
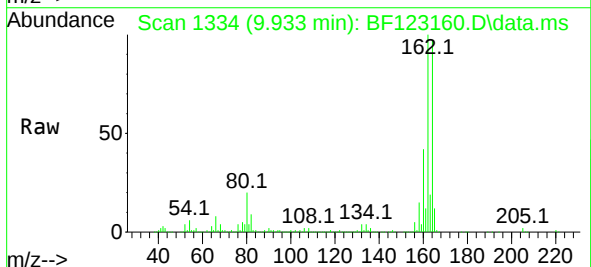
Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

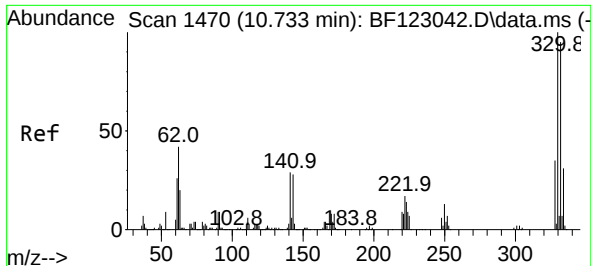
Tgt Ion:122 Resp: 817
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:164 Resp: 326909
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 43.8 35.4 53.0

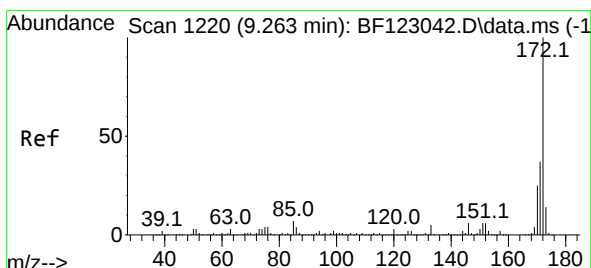
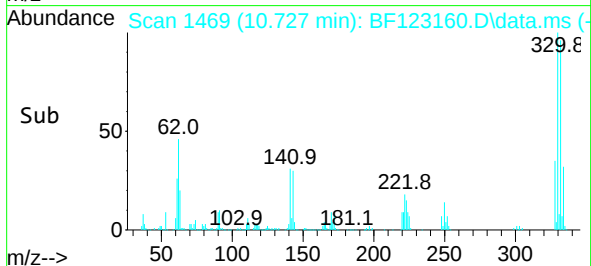
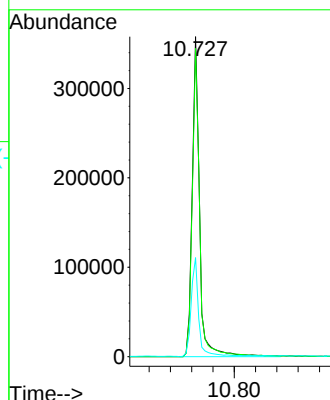
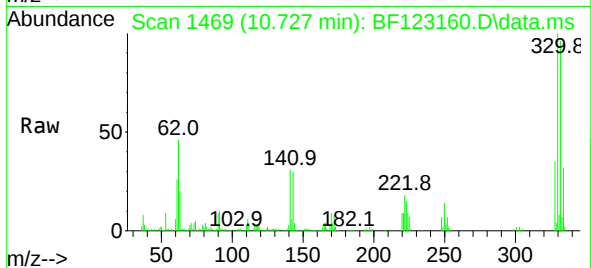




#42
2,4,6-Tribromophenol
Concen: 96.77 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

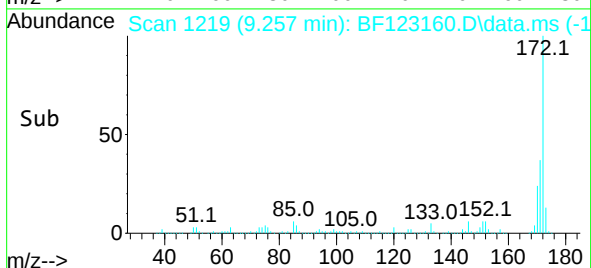
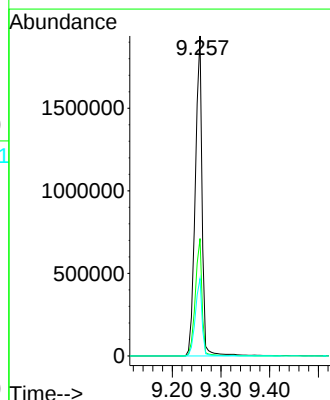
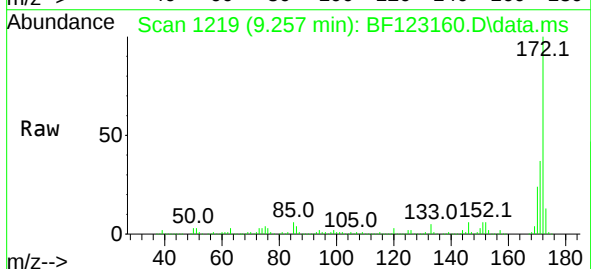
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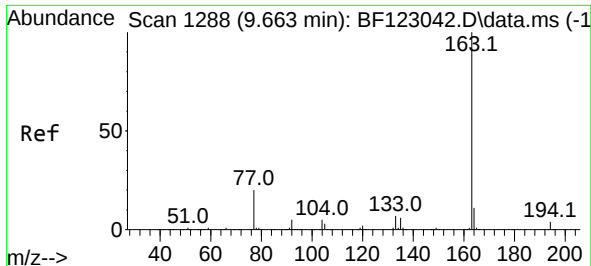
Tgt Ion:330 Resp: 343414
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 86.88 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:172 Resp: 1910495
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3

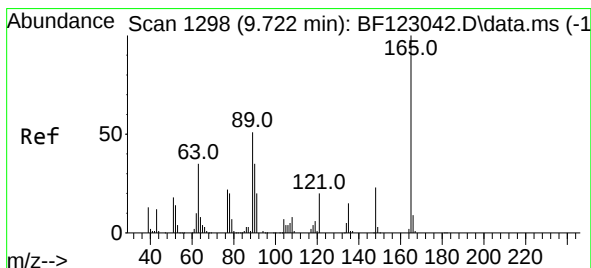
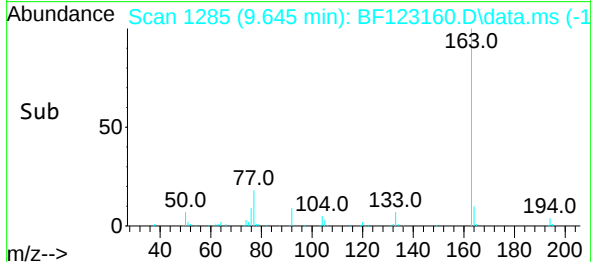
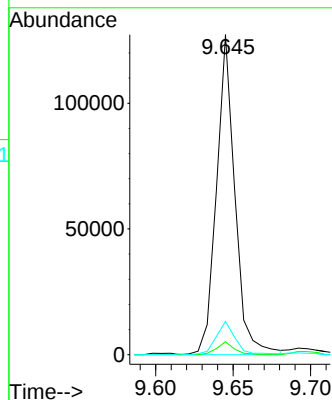
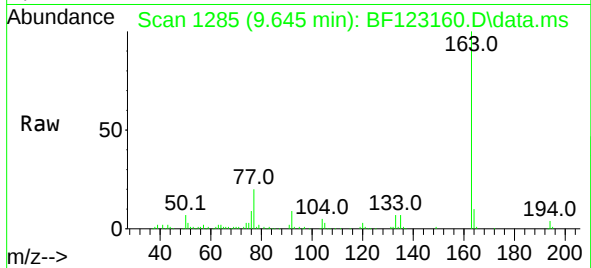




#50
Dimethylphthalate
Concen: 4.11 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

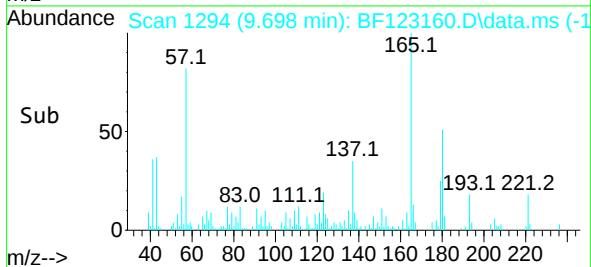
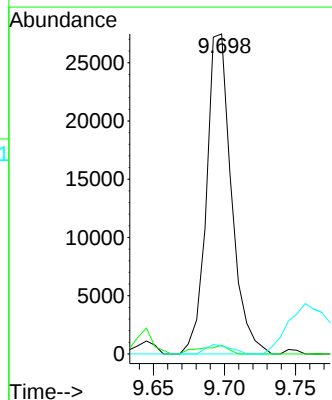
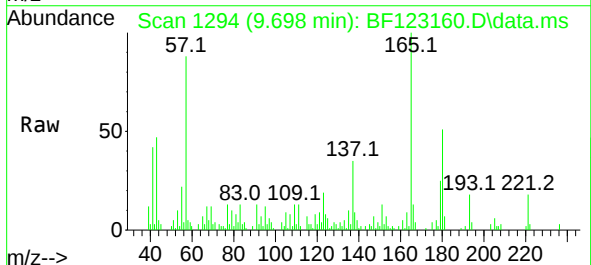
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CHRT27339-CHRT20101

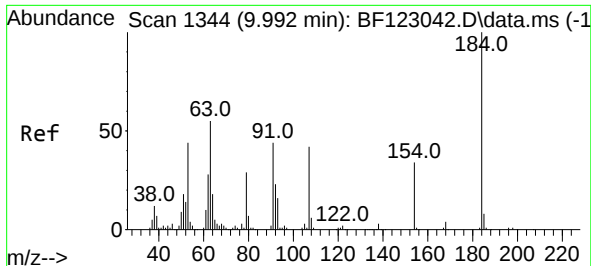
Tgt Ion:163 Resp: 105418
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 6.14 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.024 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:165 Resp: 33573
Ion Ratio Lower Upper
165 100
63 2.8 36.6 55.0#
89 2.4 39.4 59.0#

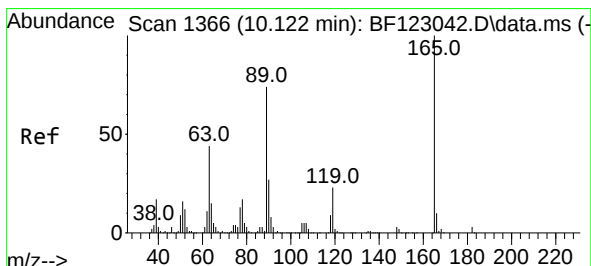
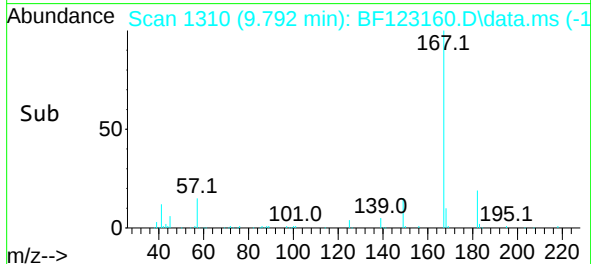
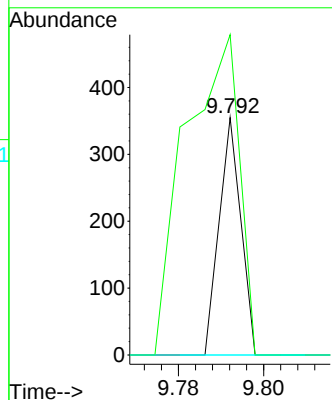
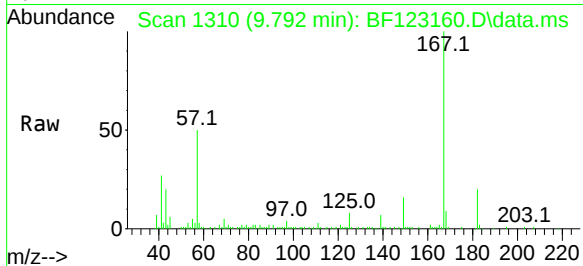




#54
2,4-Dinitrophenol
Concen: 6.89 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

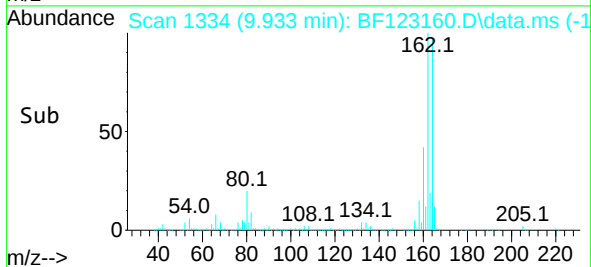
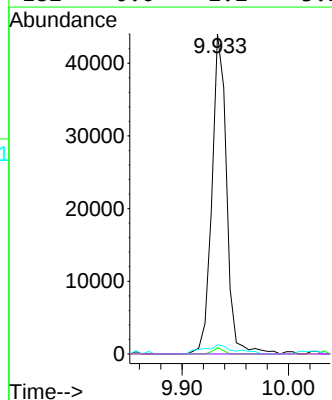
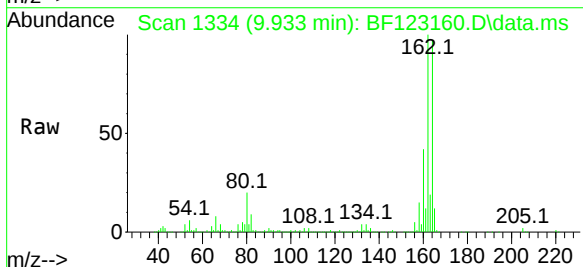
Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

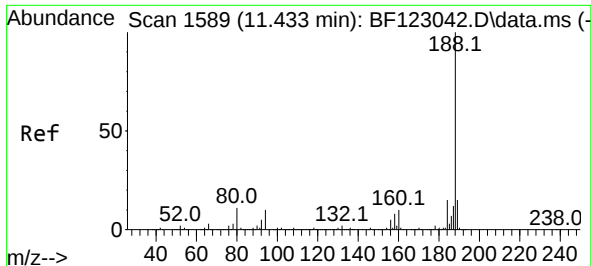
Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 134.9 51.4 77.2#
154 0.0 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:165 Resp: 42237
Ion Ratio Lower Upper
165 100
63 2.0 34.3 51.5#
89 2.8 55.2 82.8#
182 0.0 2.2 3.2#

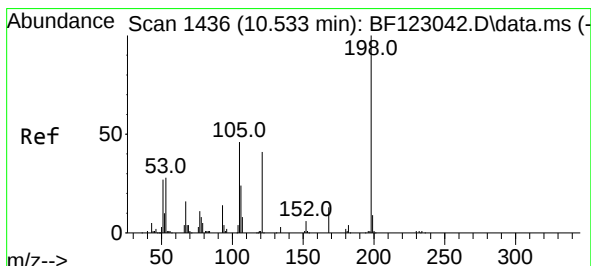
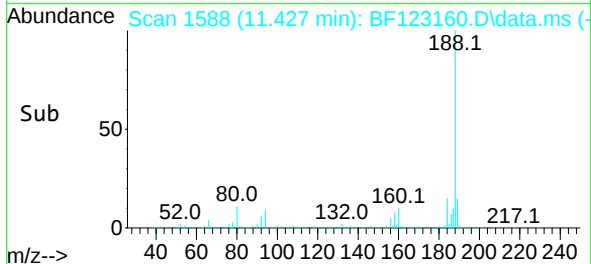
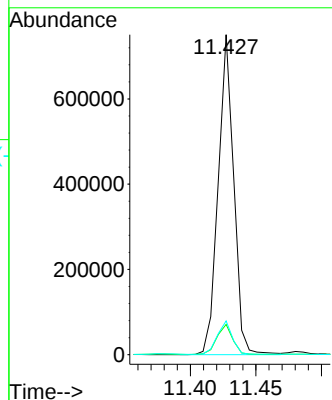
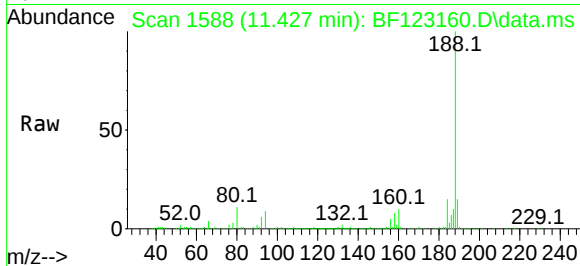




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

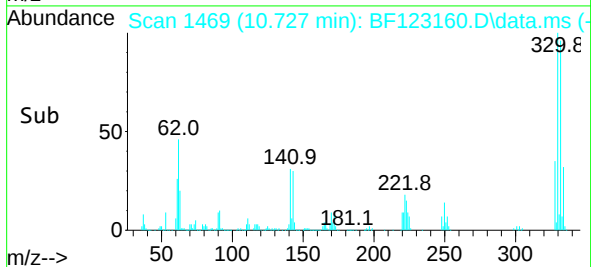
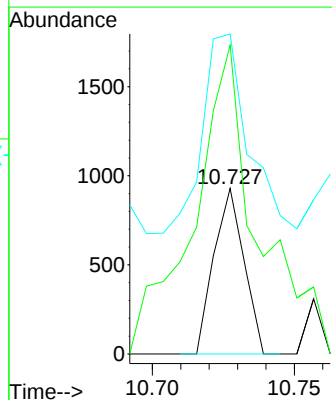
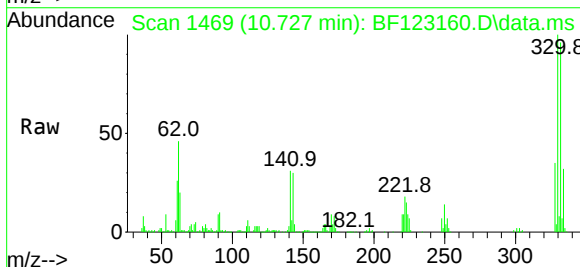
Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

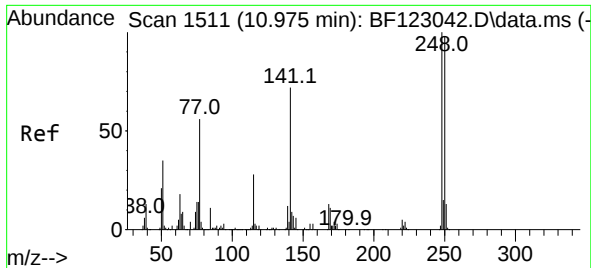
Tgt Ion:188 Resp: 618836
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.15 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 186.5 20.3 60.3#
105 193.3 23.0 63.0#

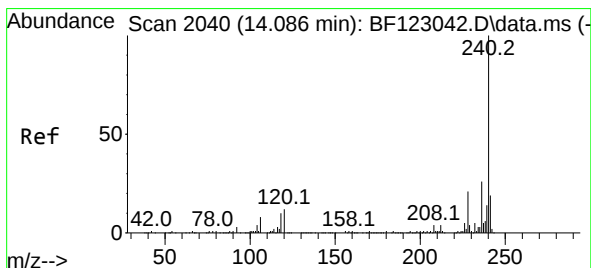
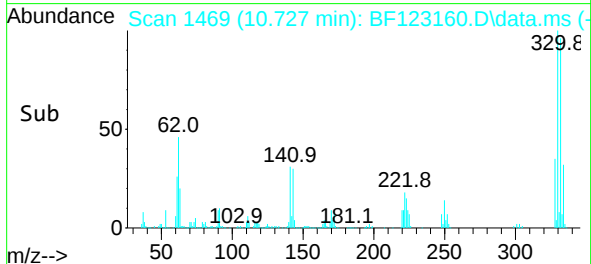
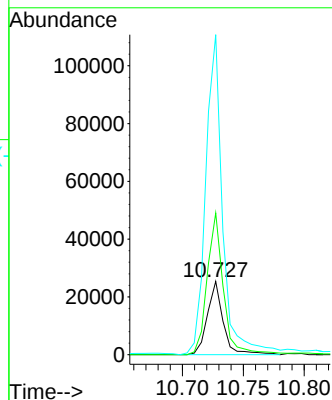
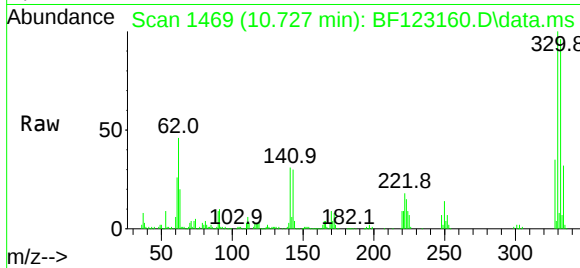




#67
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

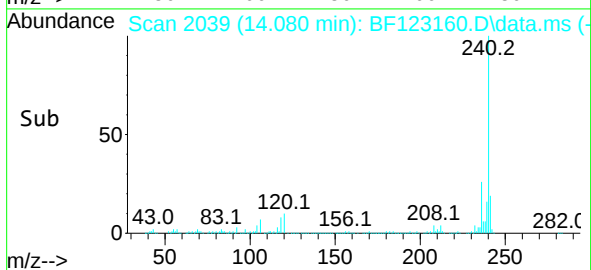
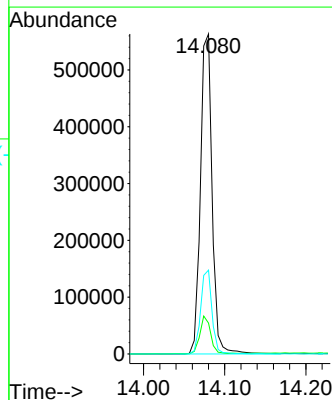
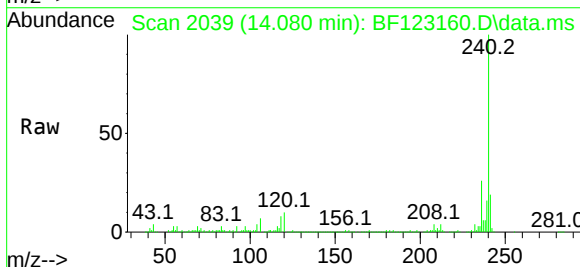
Instrument :
BNA_F
ClientSampleId :
CHRT27339-CHRT20101

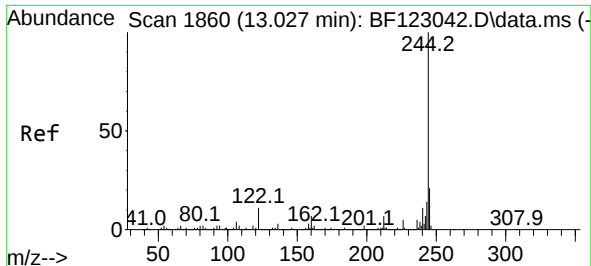
Tgt Ion:248 Resp: 22901
Ion Ratio Lower Upper
248 100
250 193.3 76.8 115.2#
141 436.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123160.D
Acq: 9 Feb 2021 11:50

Tgt Ion:240 Resp: 563585
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 26.2 20.3 30.5

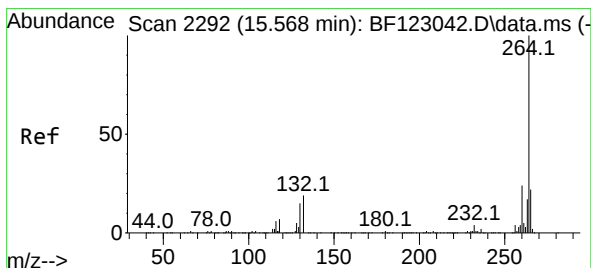
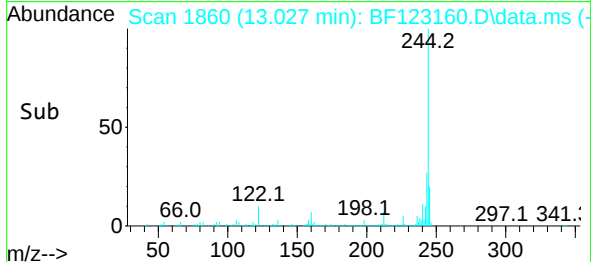
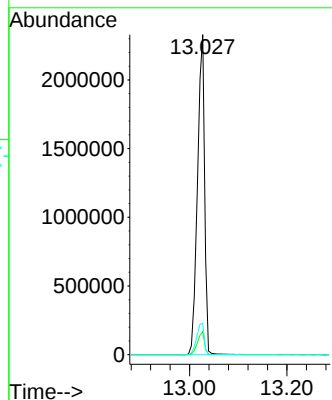
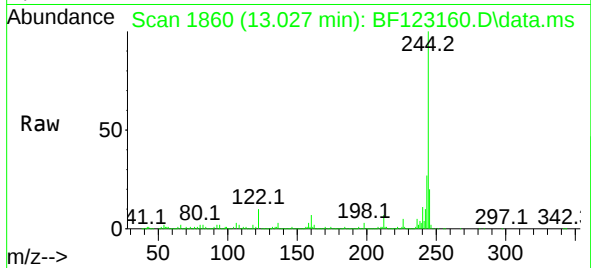




#79
 Terphenyl-d14
 Concen: 83.36 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: BF123160.D
 Acq: 9 Feb 2021 11:50

Instrument :
 BNA_F
 ClientSampleId :
 CHRT27339-CHRT20101

Tgt Ion:244 Resp: 2391248
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF123160.D
 Acq: 9 Feb 2021 11:50

Tgt Ion:264 Resp: 450535
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.0 17.0 25.6

