

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123164.D
 Acq On : 9 Feb 2021 14:51
 Operator : JU/CG
 Sample : M1340-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26586

Quant Time: Feb 09 15:29:56 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)

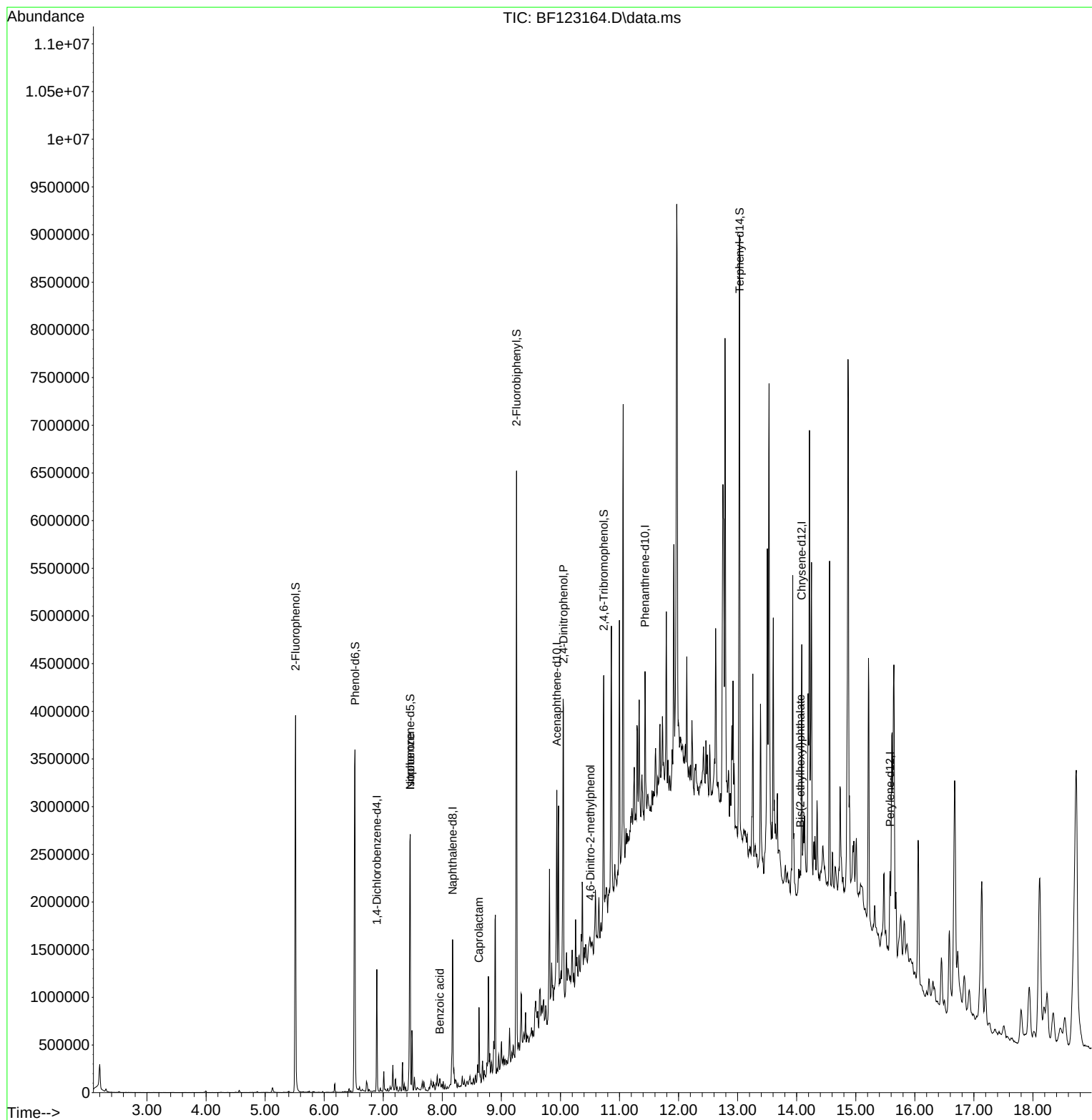
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	169785	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	663792	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	336277	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	594085	20.00	ng	0.00
76) Chrysene-d12	14.086	240	468490	20.00	ng	0.00
86) Perylene-d12	15.580	264	422391	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1191343	108.24	ng	0.01
7) Phenol-d6	6.522	99	1562973	104.76	ng	0.00
23) Nitrobenzene-d5	7.457	82	997348	75.62	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	422897	115.85	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1936005	85.58	ng	0.00
79) Terphenyl-d14	13.033	244	2340606	98.16	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.457	82	994647	41.17	ng	# 65
32) Benzoic acid	7.957	122	111	4.93	ng	# 71
35) Caprolactam	8.622	113	10107	2.82	ng	# 4
54) 2,4-Dinitrophenol	10.051	184	156	6.90	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.510	198	1056	5.26	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.063	149	52053	2.57	ng	# 94

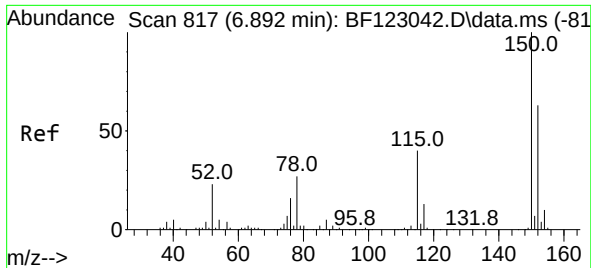
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

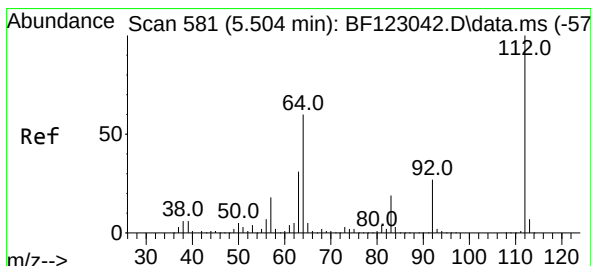
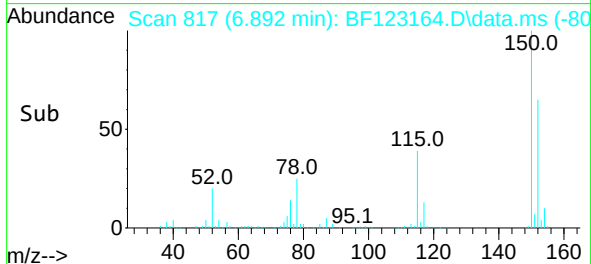
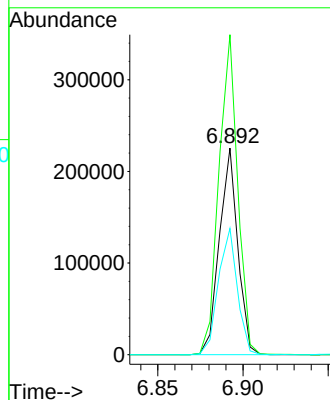
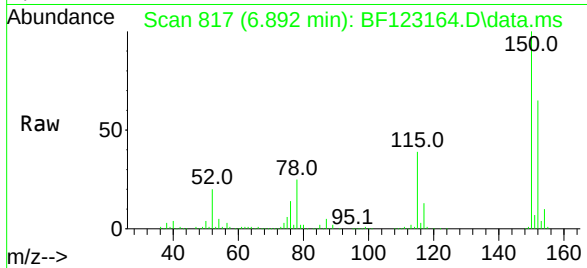




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

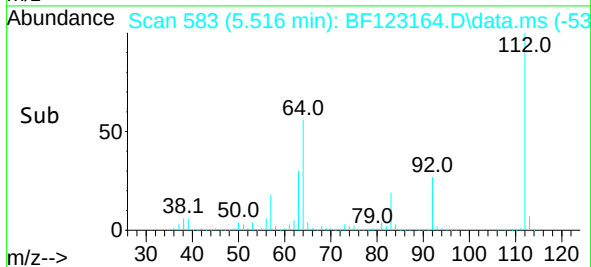
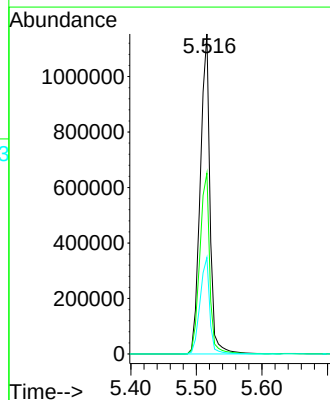
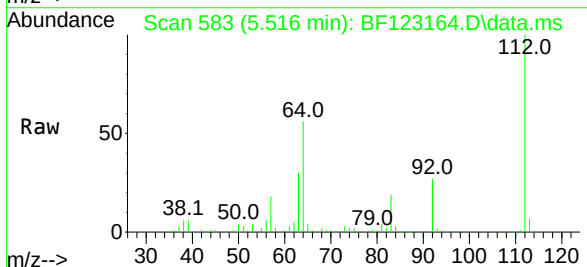
Instrument :
BNA_F
ClientSampleId :
CHRT-26586

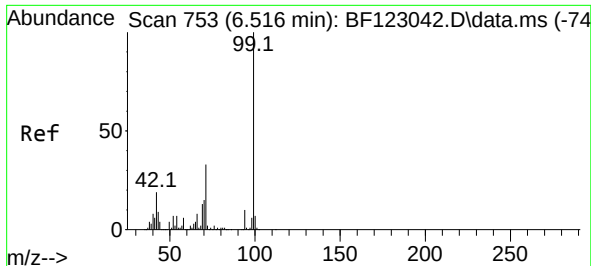
Tgt Ion:152 Resp: 169785
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 61.1 49.3 73.9



#5
2-Fluorophenol
Concen: 108.24 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:112 Resp: 1191343
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 30.1 24.5 36.7



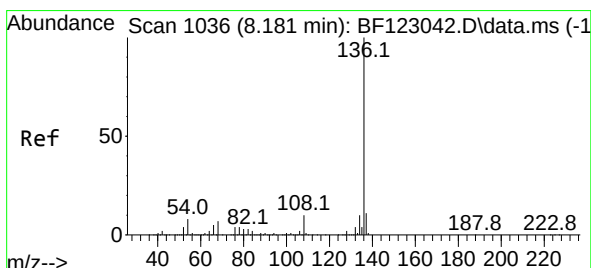
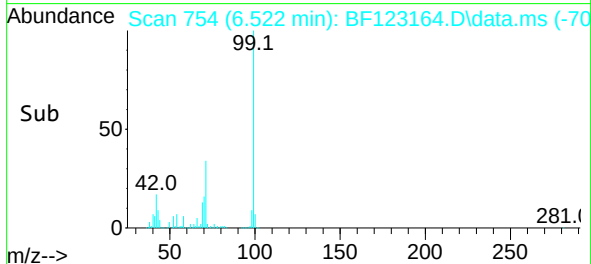
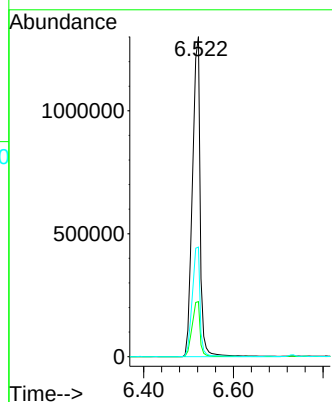
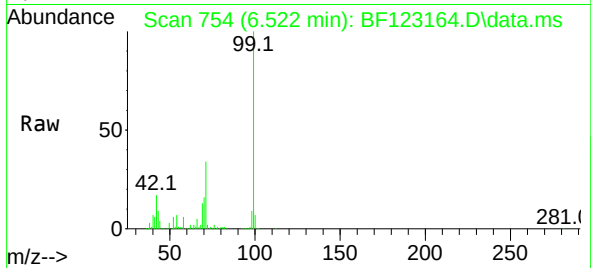


#7
Phenol-d6
Concen: 104.76 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Tgt Ion: 99 Resp: 1562973

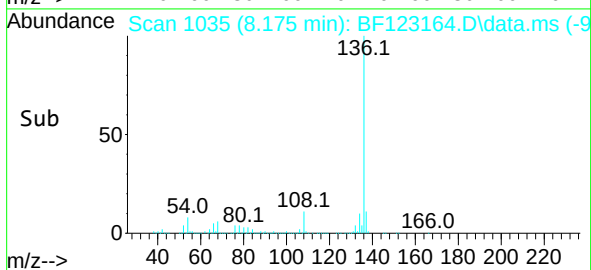
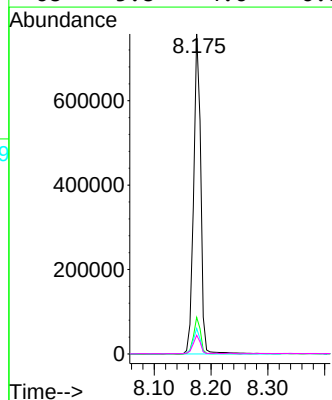
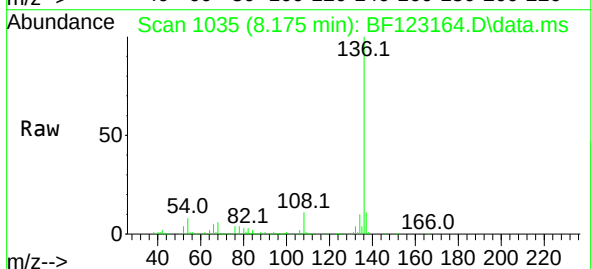
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.3	26.9	40.3

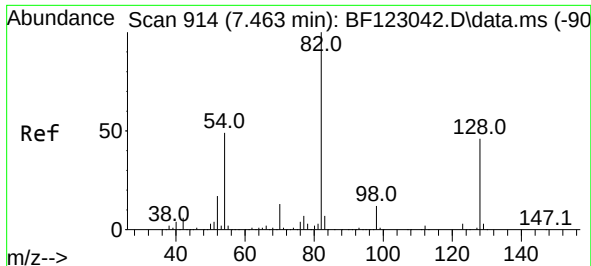


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion: 136 Resp: 663792

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.0	5.5	8.3
68	5.8	4.6	6.8

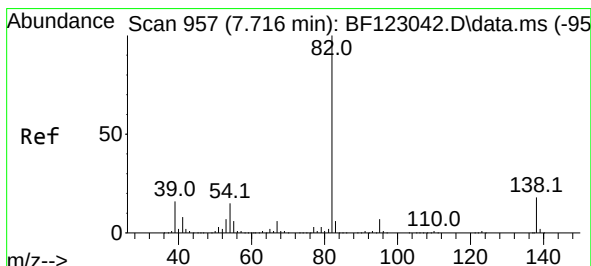
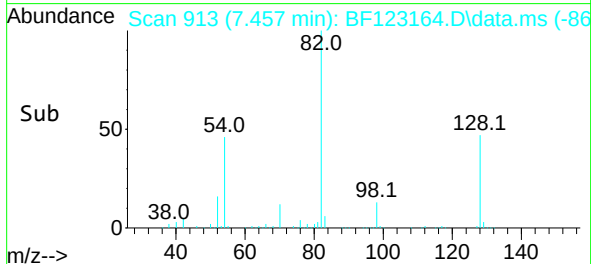
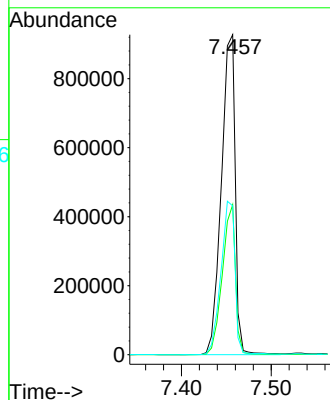
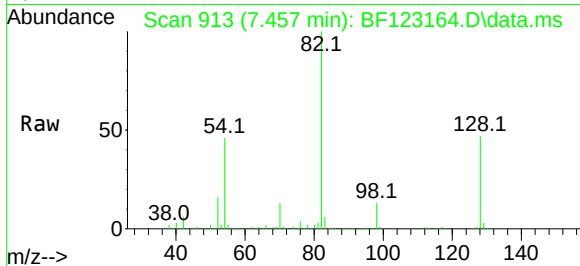




#23
Nitrobenzene-d5
Concen: 75.62 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

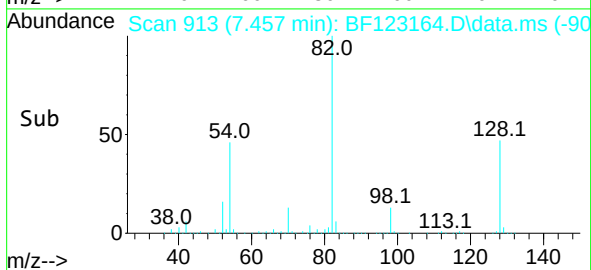
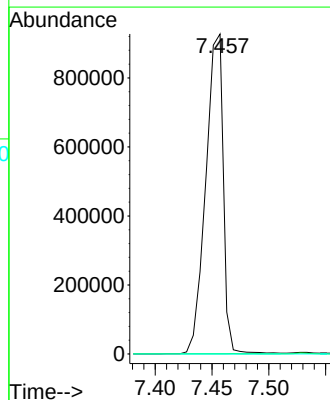
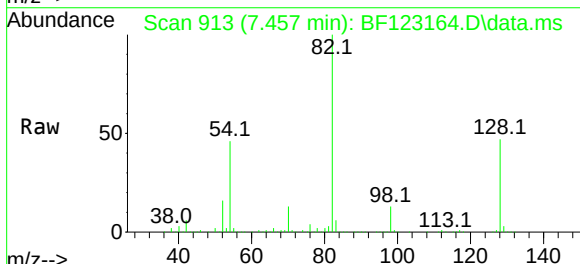
Instrument :
BNA_F
ClientSampleId :
CHRT-26586

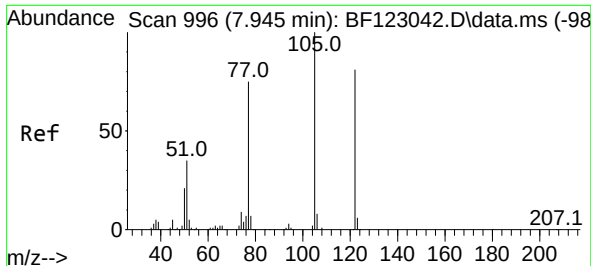
Tgt Ion: 82 Resp: 997348
Ion Ratio Lower Upper
82 100
128 46.8 37.0 55.4
54 46.5 38.4 57.6



#25
Isophorone
Concen: 41.17 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion: 82 Resp: 994647
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

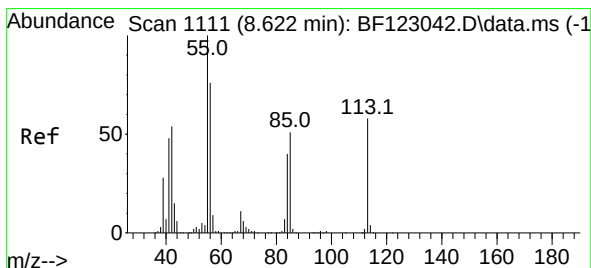
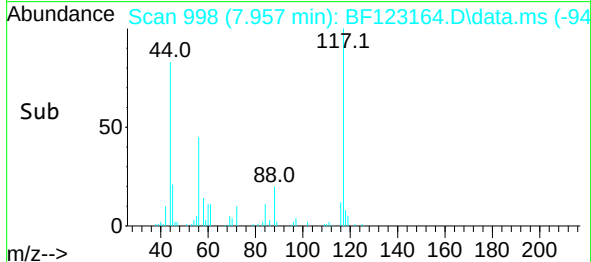
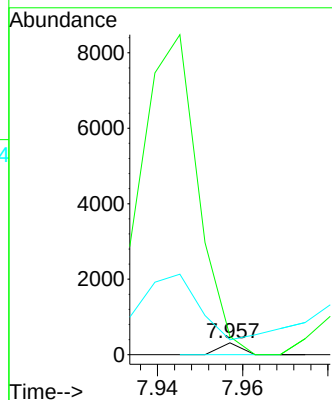
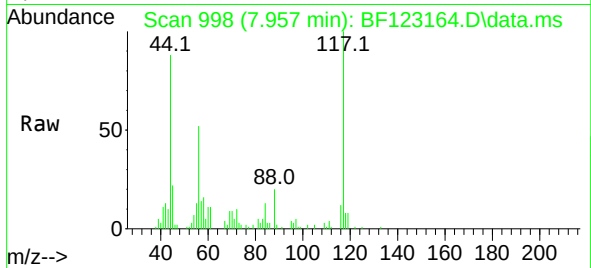




#32
Benzoic acid
Concen: 4.93 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

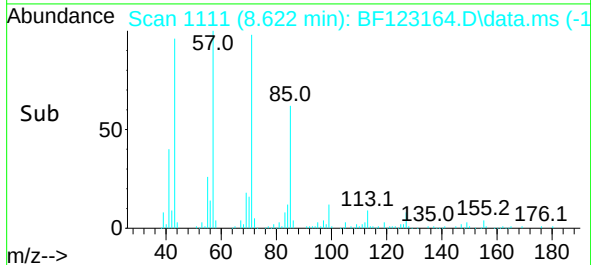
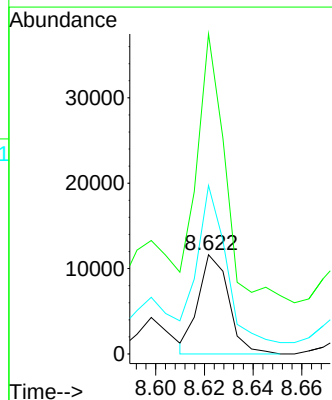
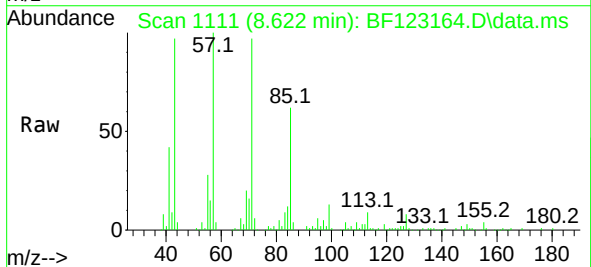
Instrument :
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ClientSampleId :
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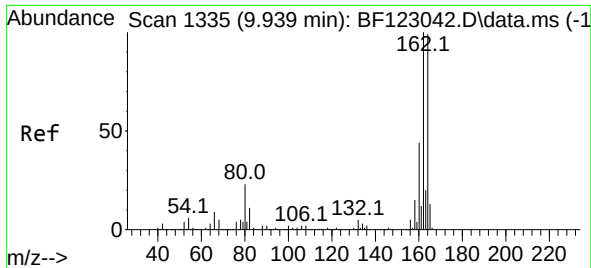
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 152.4 104.8 144.8#
77 124.8 71.0 111.0#



#35
Caprolactam
Concen: 2.82 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:113 Resp: 10107
Ion Ratio Lower Upper
113 100
55 322.7 133.7 173.7#
56 169.8 95.3 135.3#

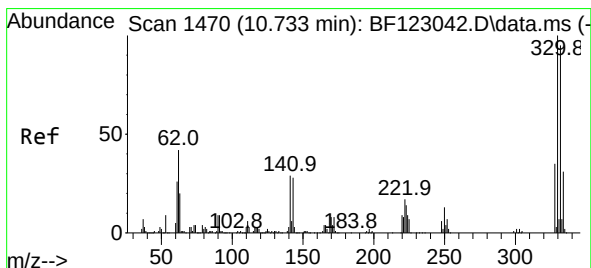
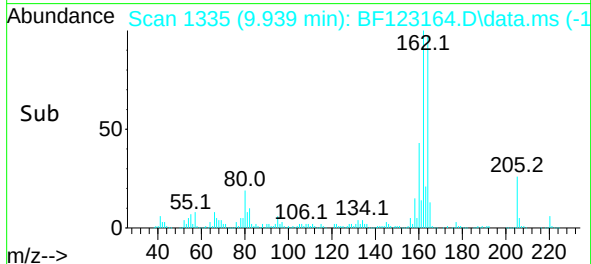
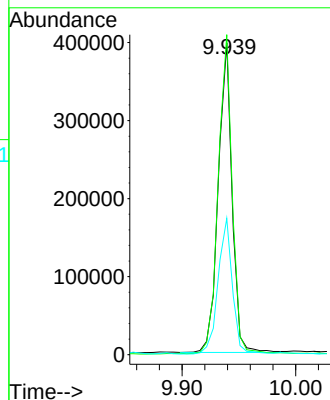
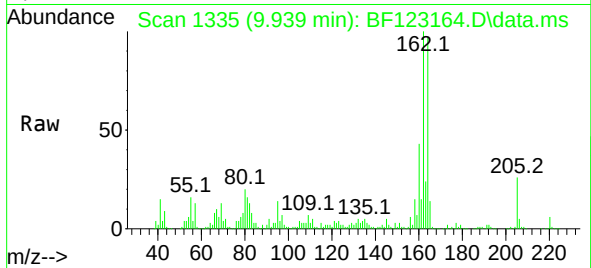




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

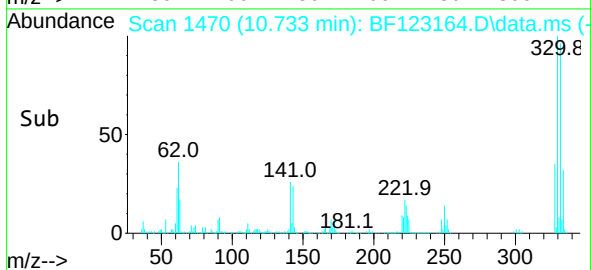
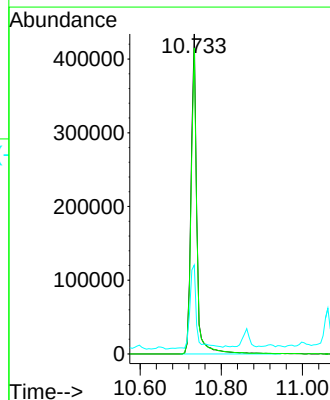
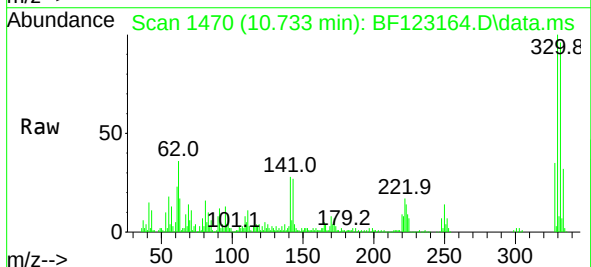
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CHRT-26586

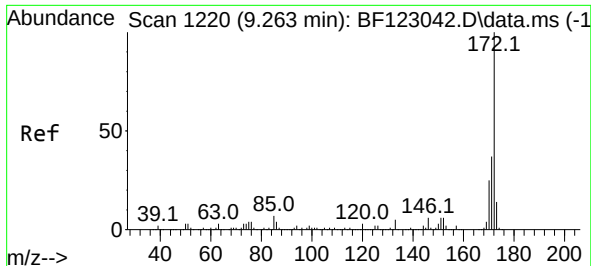
Tgt Ion:164 Resp: 336277
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 115.85 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:330 Resp: 422897
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 31.0 23.8 35.8

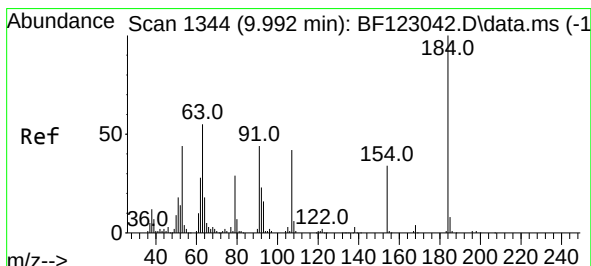
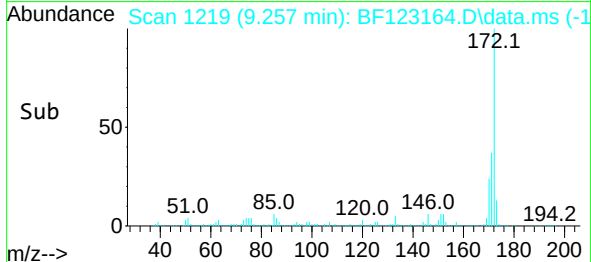
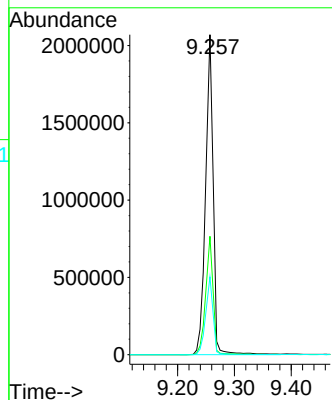
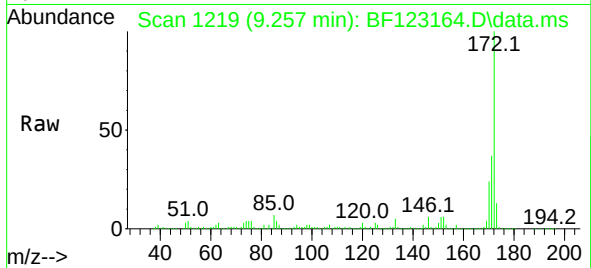




#45
2-Fluorobiphenyl
Concen: 85.58 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

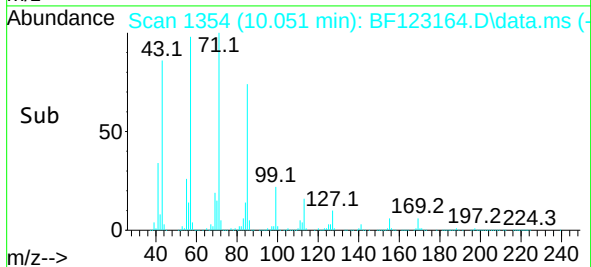
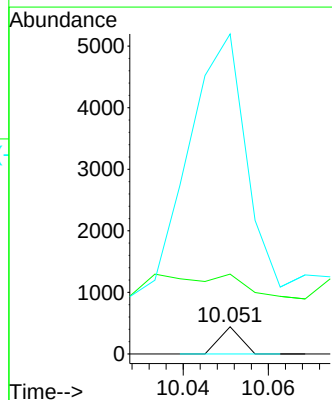
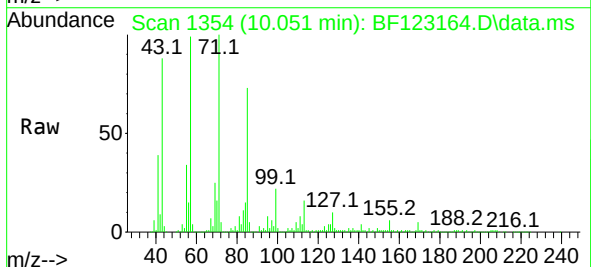
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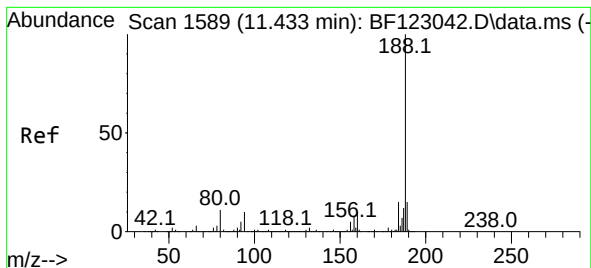
Tgt Ion:172 Resp: 1936005
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.3 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 6.90 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.059 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:184 Resp: 156
Ion Ratio Lower Upper
184 100
63 293.7 51.4 77.2#
154 1176.0 49.7 74.5#

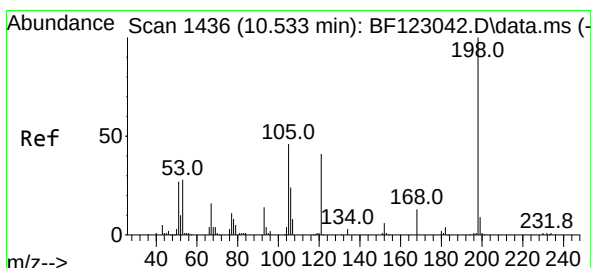
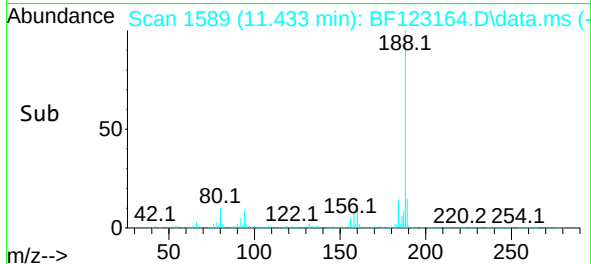
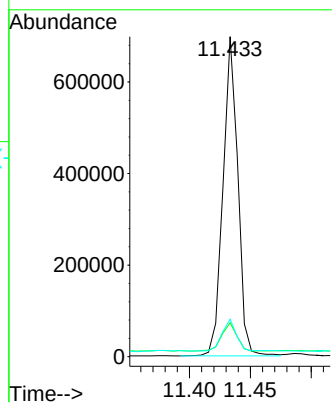
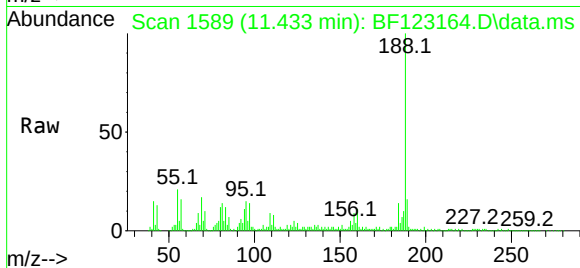




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

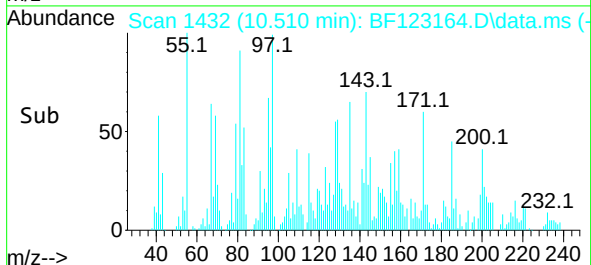
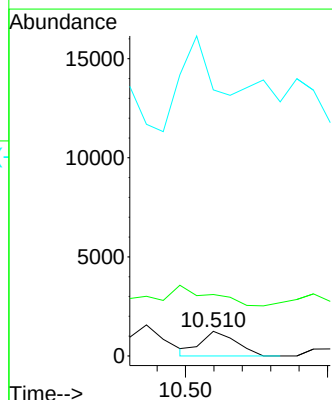
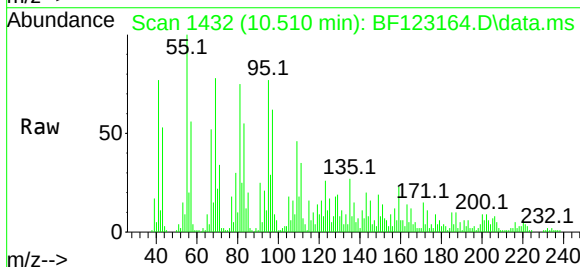
Instrument :
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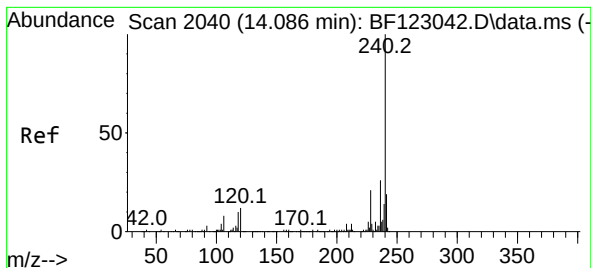
Tgt Ion:188 Resp: 594085
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.7 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.023 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:198 Resp: 1056
Ion Ratio Lower Upper
198 100
51 250.2 20.3 60.3#
105 1082.7 23.0 63.0#

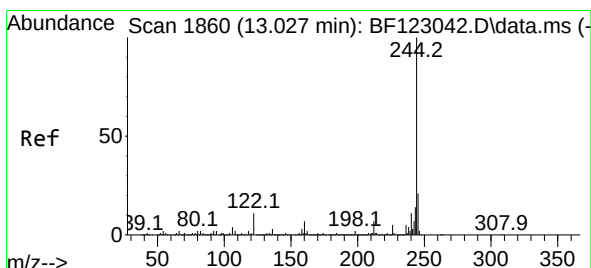
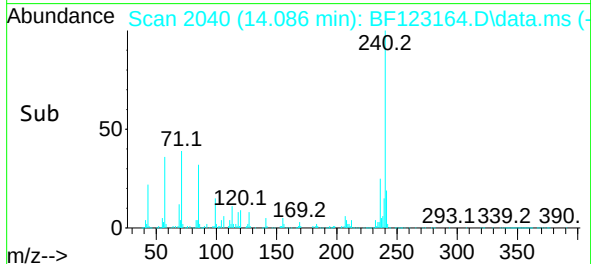
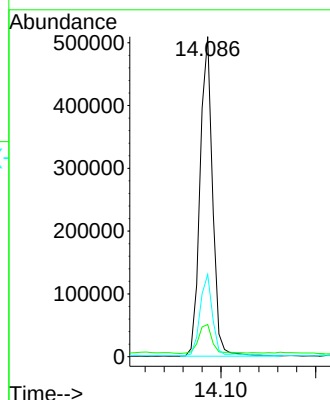
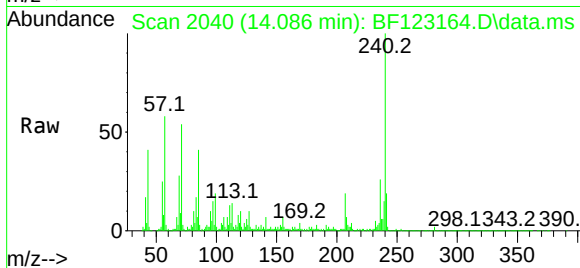




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

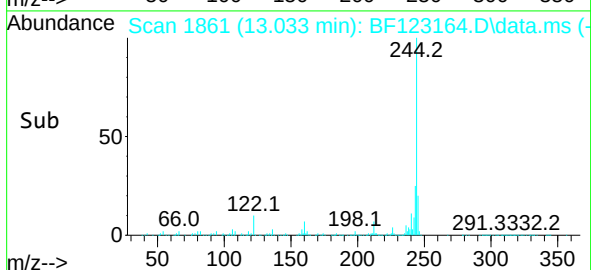
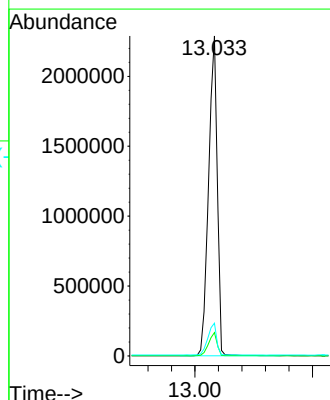
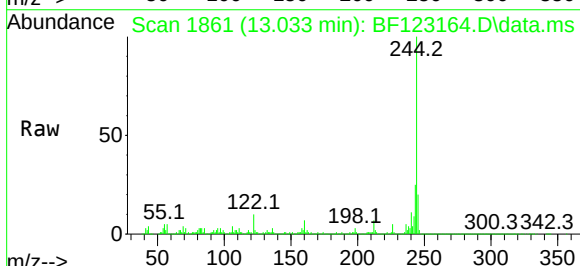
Instrument :
BNA_F
ClientSampleId :
CHRT-26586

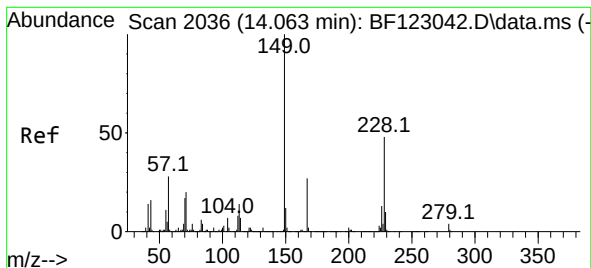
Tgt Ion:240 Resp: 468490
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 98.16 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:244 Resp: 2340606
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.2 8.3 12.5

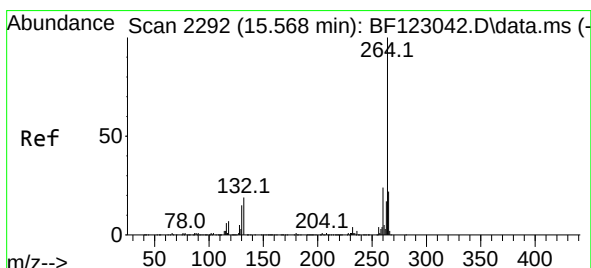
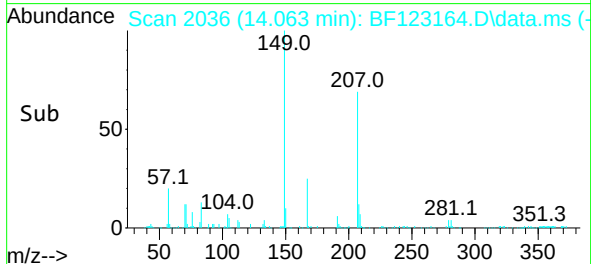
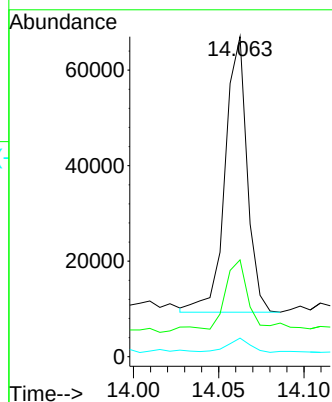
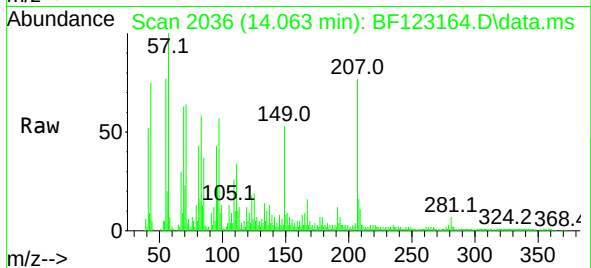




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.57 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Tgt Ion:149 Resp: 52053
Ion Ratio Lower Upper
149 100
167 30.3 21.4 32.2
279 5.8 3.4 5.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.012 min
Lab File: BF123164.D
Acq: 9 Feb 2021 14:51

Tgt Ion:264 Resp: 422391
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.8 17.0 25.6

