

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123114.D
 Acq On : 4 Feb 2021 14:37
 Operator : JU/CG
 Sample : M1291-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-007-0205

Quant Time: Feb 04 15:02:40 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)

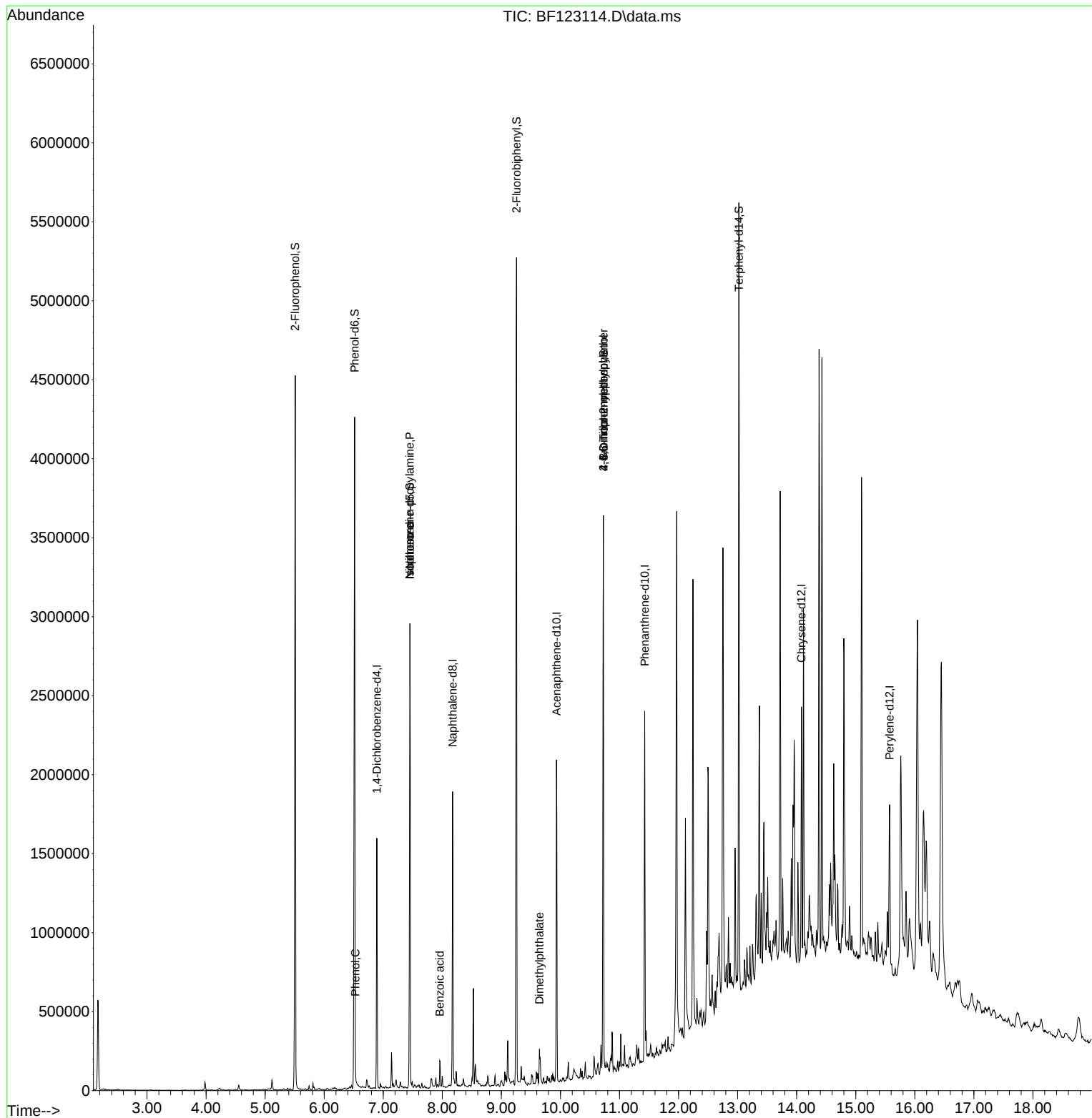
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	204909	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	783309	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	408378	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	692026	20.00	ng	0.00
76) Chrysene-d12	14.080	240	509897	20.00	ng	0.00
86) Perylene-d12	15.574	264	498029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1240610	93.39	ng	0.00
7) Phenol-d6	6.516	99	1548064	85.98	ng	0.00
23) Nitrobenzene-d5	7.451	82	977492	62.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	432777	97.62	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1710700	62.27	ng	0.00
79) Terphenyl-d14	13.021	244	1551801	59.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	63248	3.54	ng	87
19) n-Nitroso-di-n-propyla...	7.451	70	130734	12.07	ng	# 80
25) Isophorone	7.451	82	977327	34.28	ng	# 65
32) Benzoic acid	7.957	122	2915	5.19	ng	# 1
50) Dimethylphthalate	9.645	163	67721	2.11	ng	97
65) 4,6-Dinitro-2-methylph...	10.727	198	969	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	29051	3.30	ng	# 1

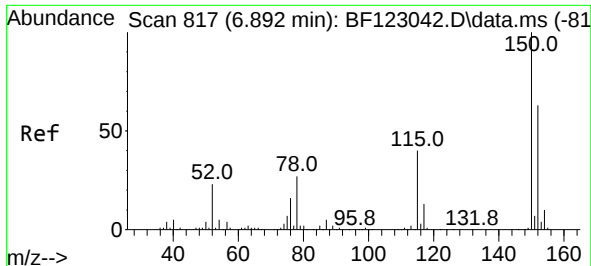
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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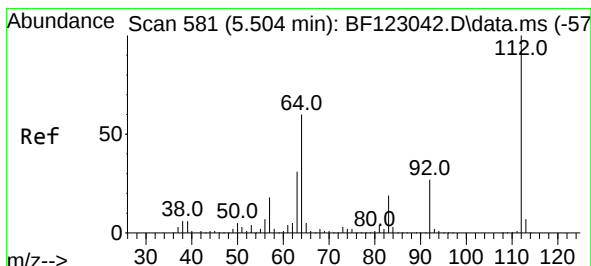
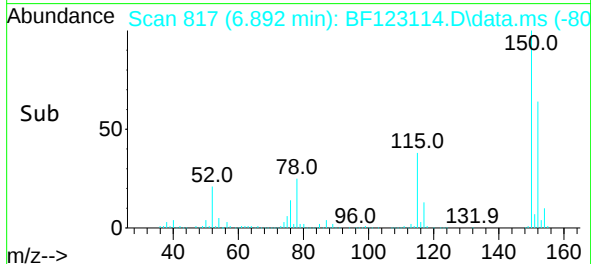
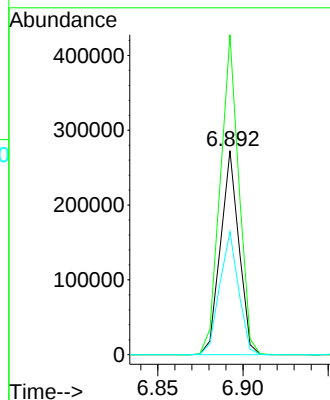
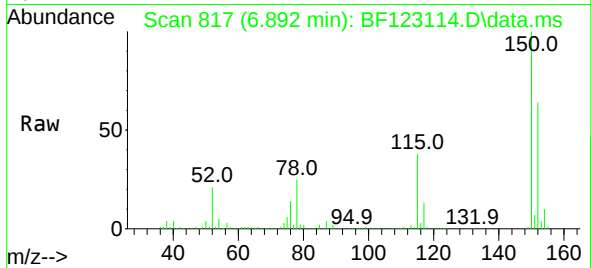




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

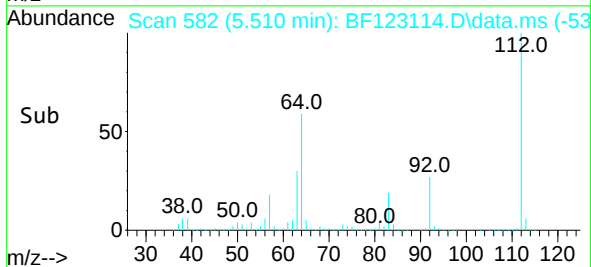
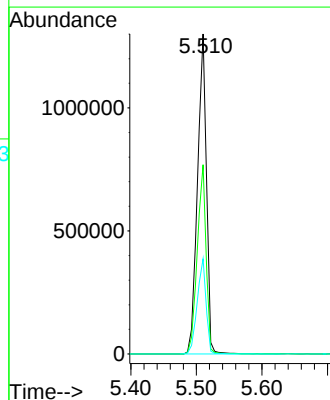
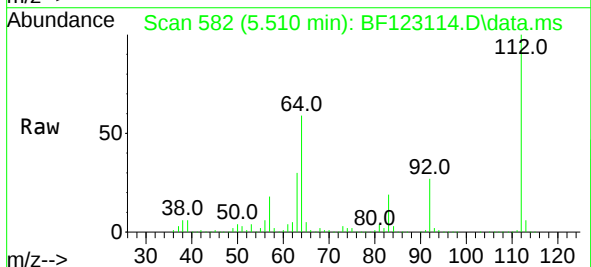
Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

Tgt Ion:152 Resp: 204909
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 93.39 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion:112 Resp: 1240610
Ion Ratio Lower Upper
112 100
64 59.2 46.9 70.3
63 29.8 24.5 36.7



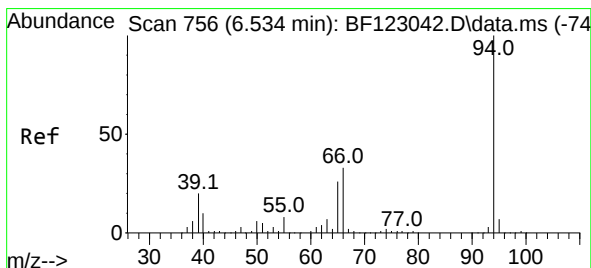
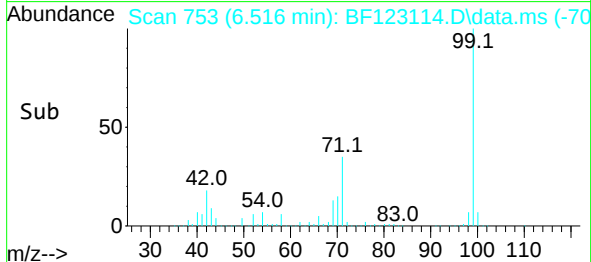
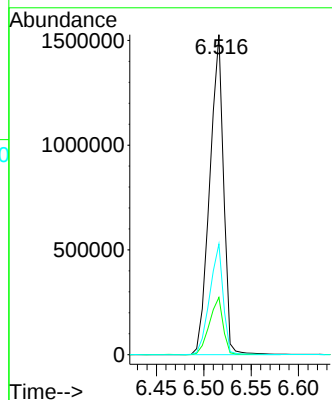
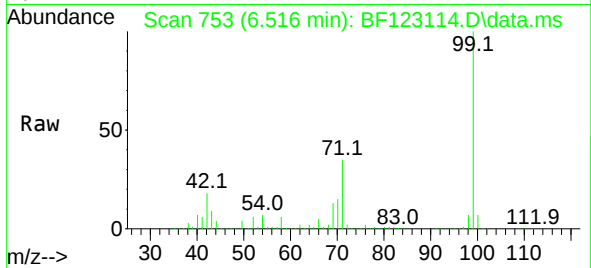


#7
Phenol-d6
Concen: 85.98 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

Tgt Ion: 99 Resp: 1548064

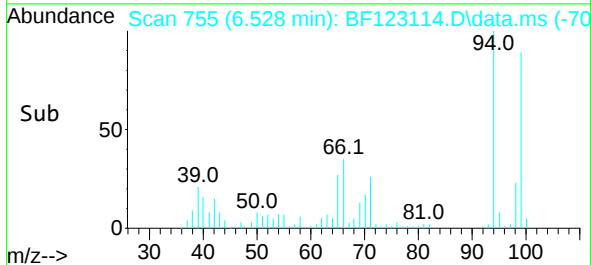
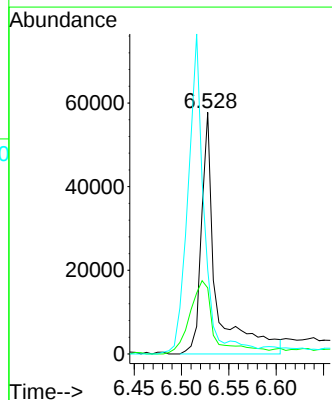
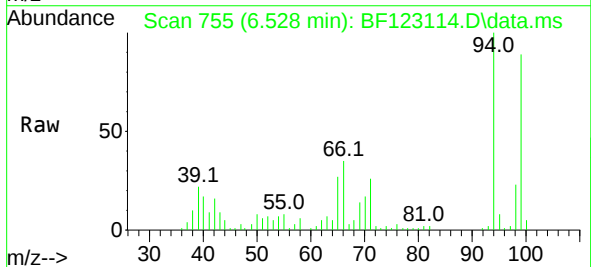
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	34.6	26.9	40.3

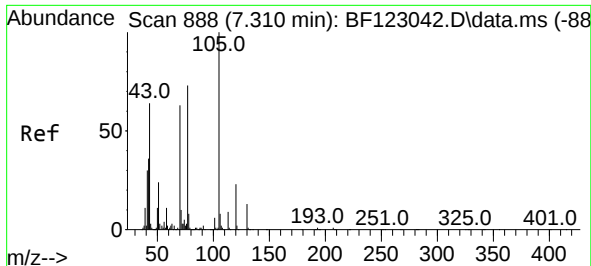


#10
Phenol
Concen: 3.54 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion: 94 Resp: 63248

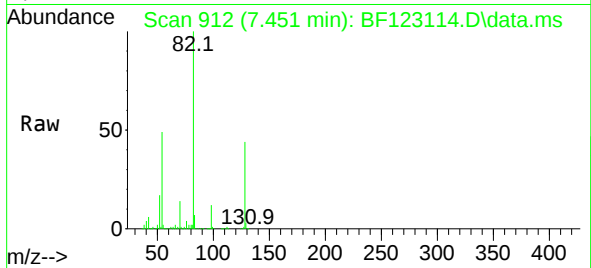
Ion	Ratio	Lower	Upper
94	100		
65	27.4	11.2	51.2
66	34.9	25.8	65.8



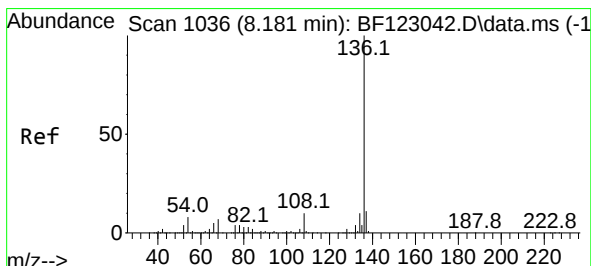
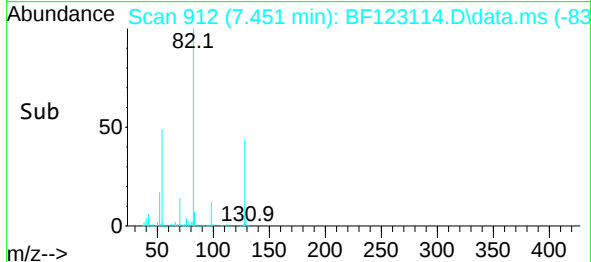
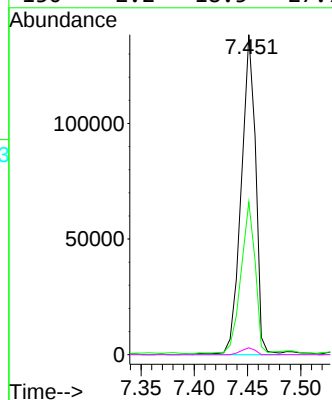


#19
n-Nitroso-di-n-propylamine
Concen: 12.07 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

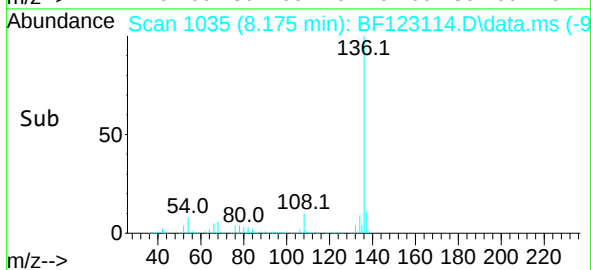
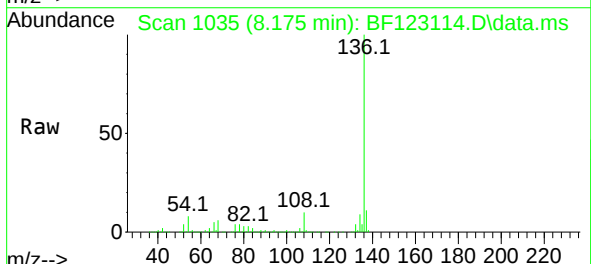
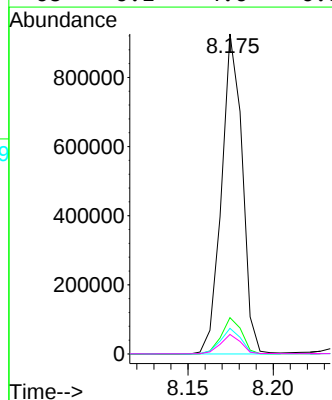


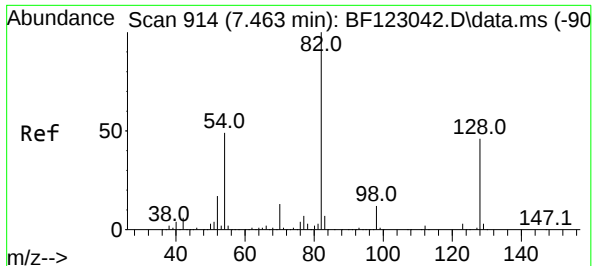
Tgt Ion	70	Ratio	100	Lower	Upper
42	47.8	43.0	64.4		
101	0.0	7.9	11.9#		
130	2.2	18.5	27.7#		



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion	136	Ratio	100	Lower	Upper
137	11.3	8.8	13.2		
54	8.0	5.5	8.3		
68	6.1	4.6	6.8		





#23

Nitrobenzene-d5

Concen: 62.80 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123114.D

Acq: 4 Feb 2021 14:37

Tgt Ion: 82 Resp: 977492

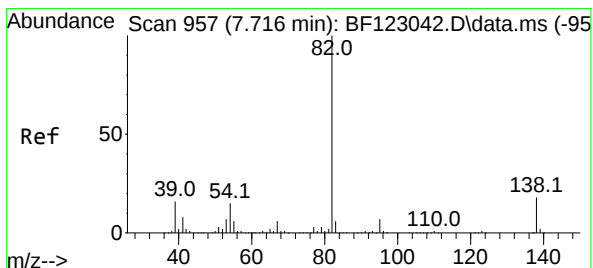
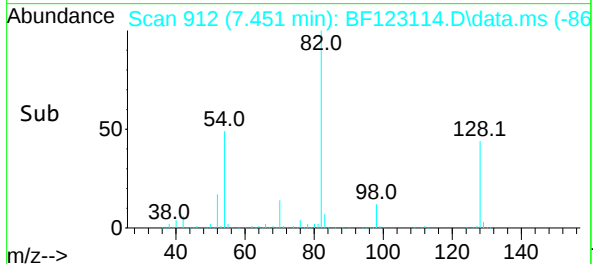
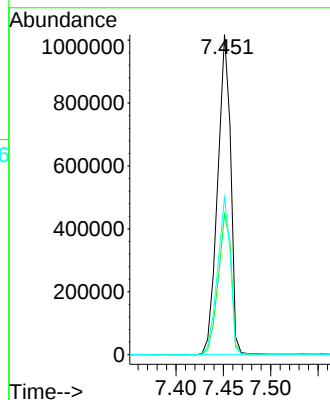
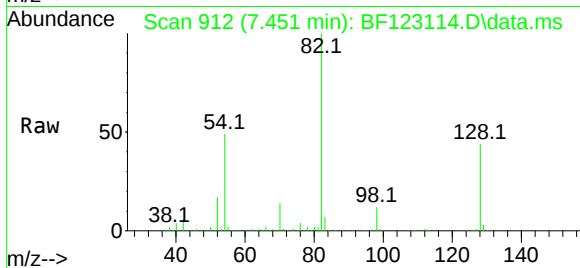
Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.0	55.4
54	49.1	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

OU421-007-0205



#25

Isophorone

Concen: 34.28 ng

RT: 7.451 min Scan# 912

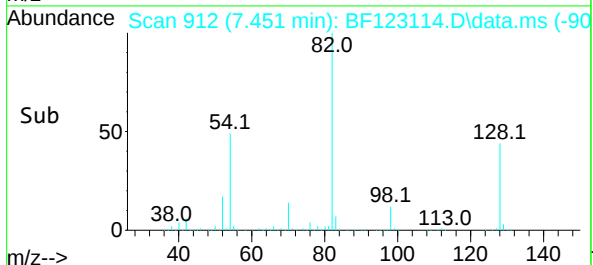
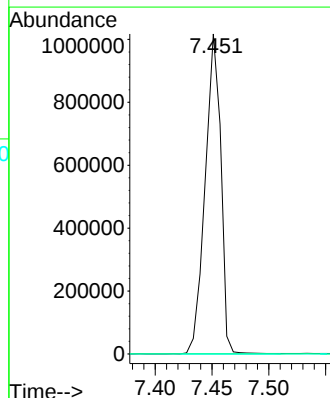
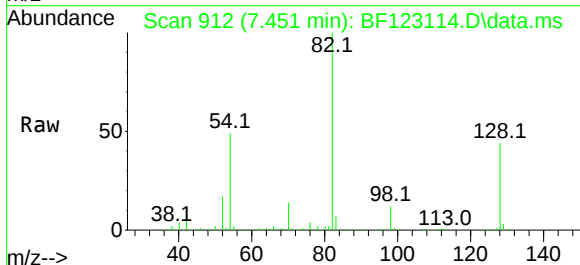
Delta R.T. -0.265 min

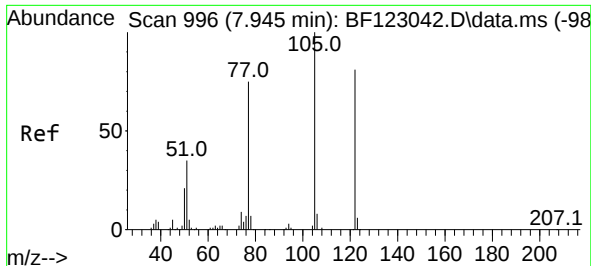
Lab File: BF123114.D

Acq: 4 Feb 2021 14:37

Tgt Ion: 82 Resp: 977327

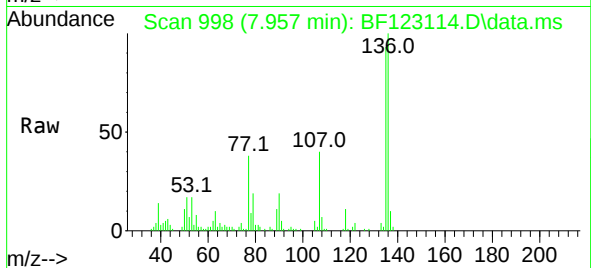
Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#



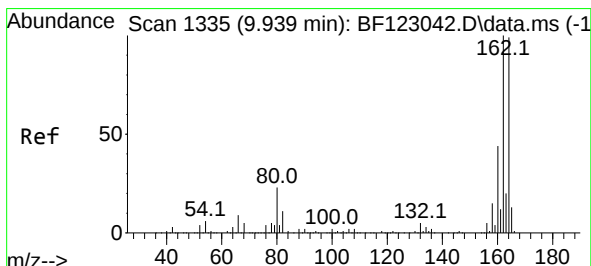
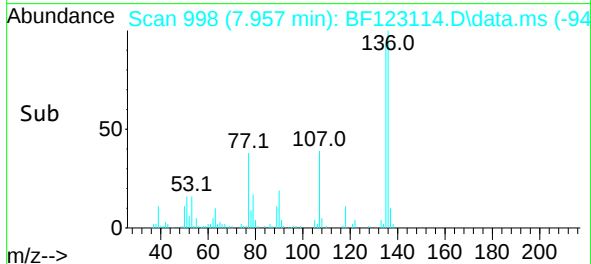
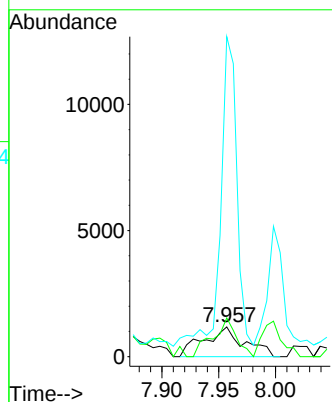


#32
Benzoic acid
Concen: 5.19 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

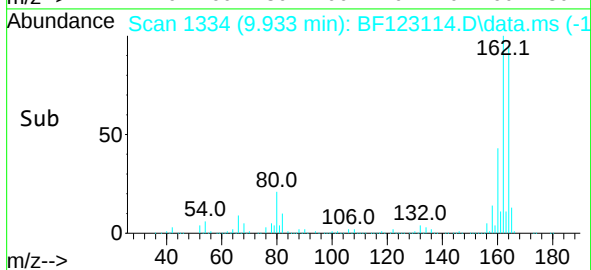
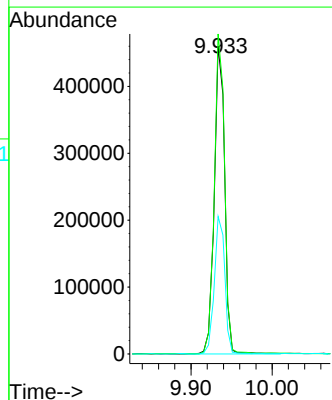
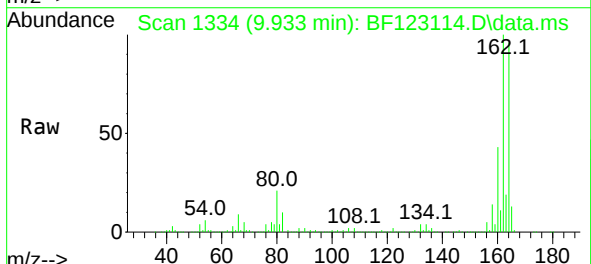


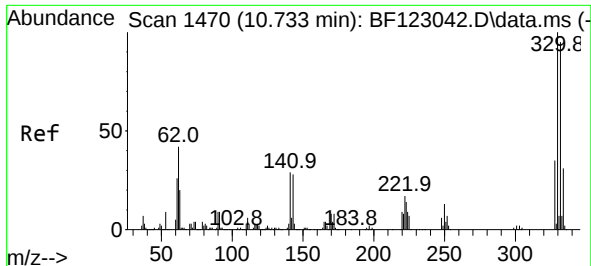
Tgt Ion:122 Resp: 2915
Ion Ratio Lower Upper
122 100
105 130.1 104.8 144.8
77 1076.9 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion:164 Resp: 408378
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 44.7 35.4 53.0

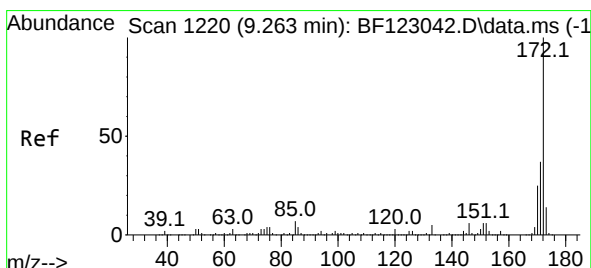
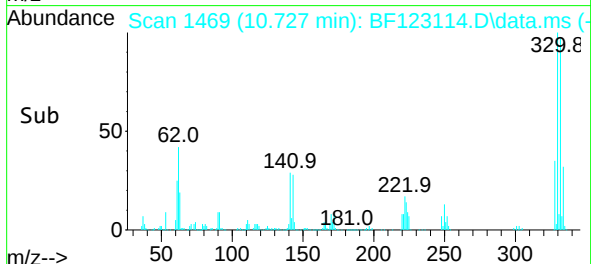
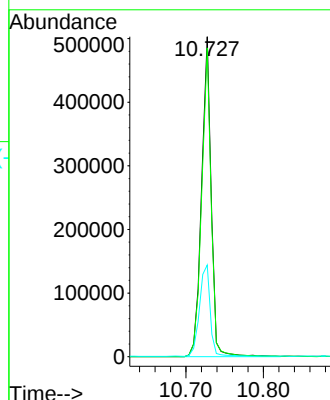
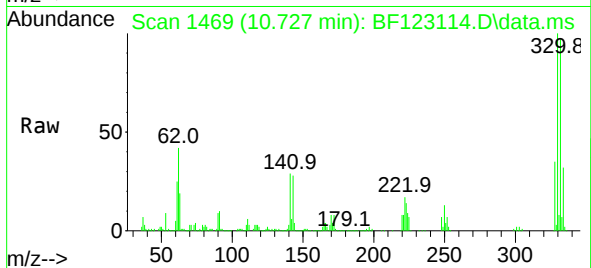




#42
2,4,6-Tribromophenol
Concen: 97.62 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

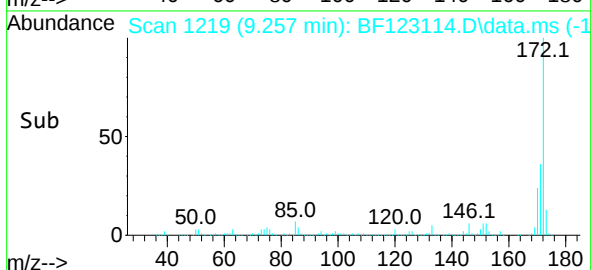
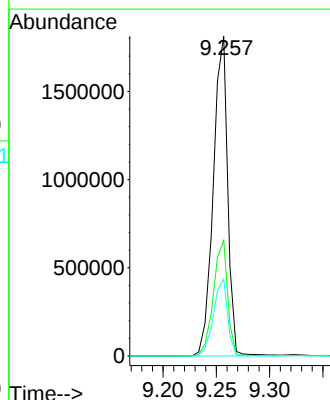
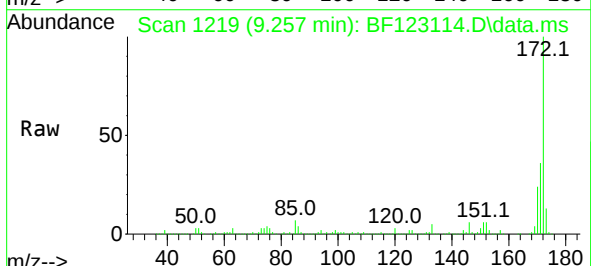
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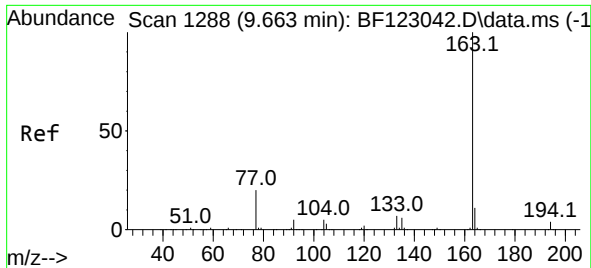
Tgt Ion: 330 Resp: 432777
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 32.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.27 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion: 172 Resp: 1710700
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 19.5 29.3

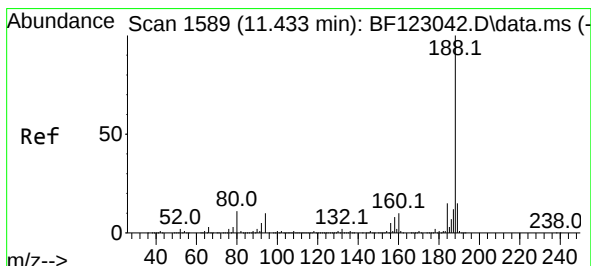
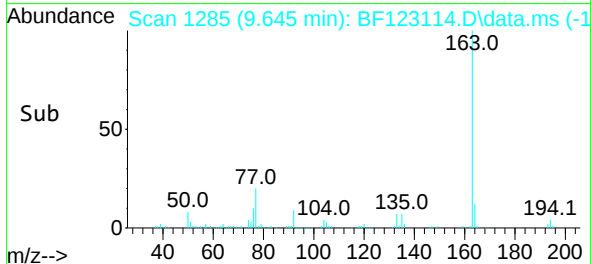
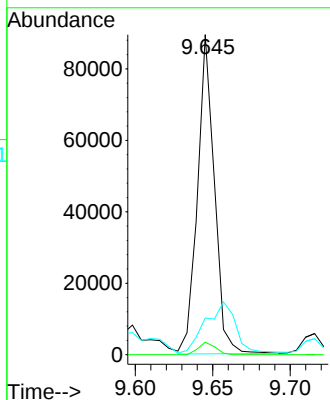
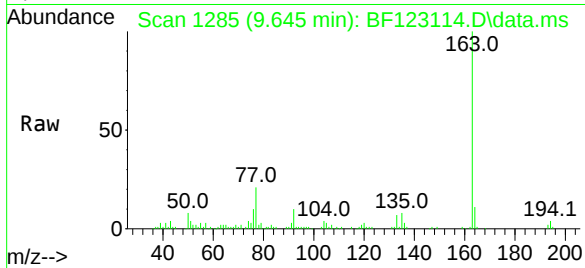




#50
Dimethylphthalate
Concen: 2.11 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

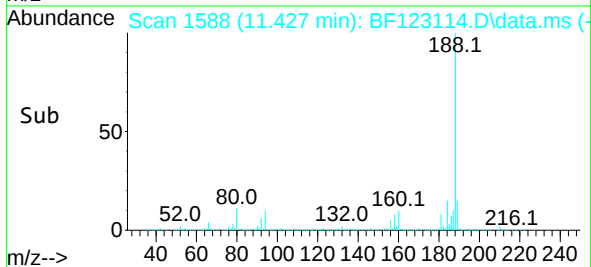
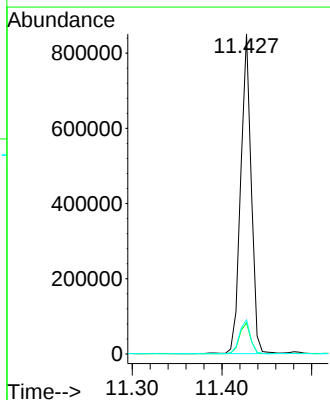
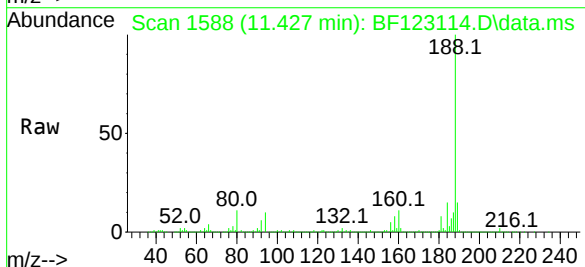
Instrument :
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OU421-007-0205

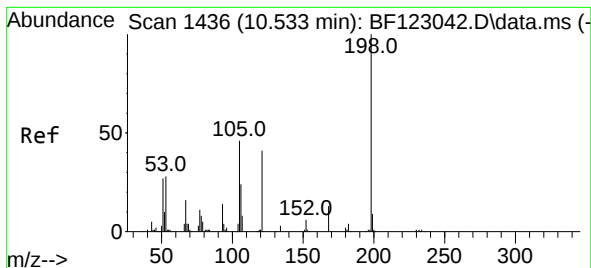
Tgt Ion:163 Resp: 67721
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 11.5 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion:188 Resp: 692026
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 8.2 12.4

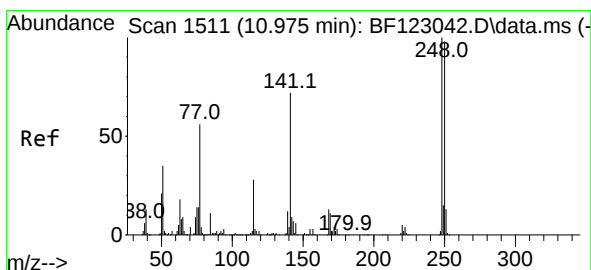
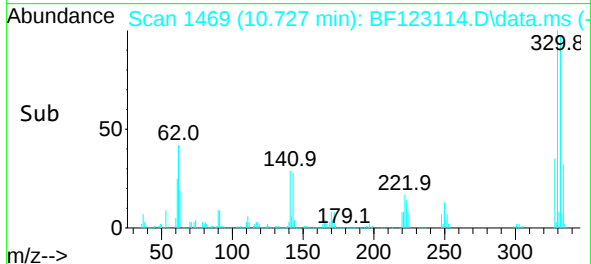
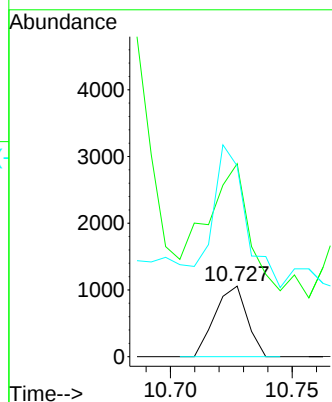
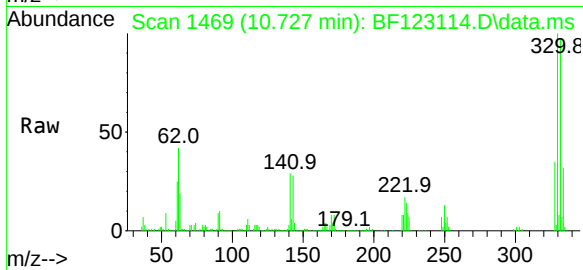




#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

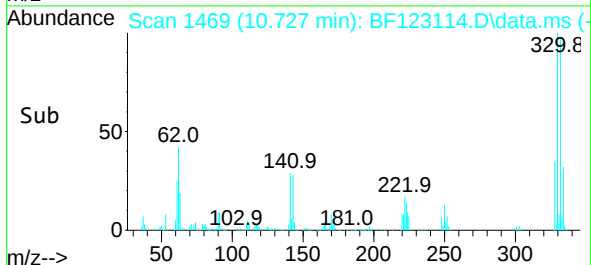
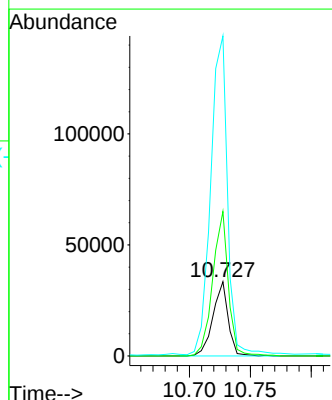
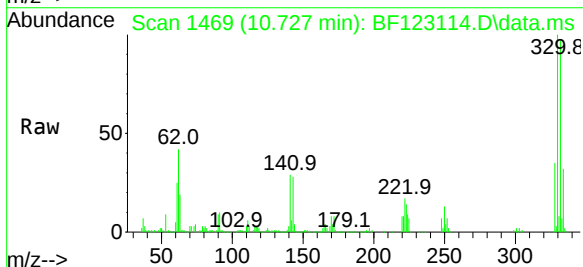
Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

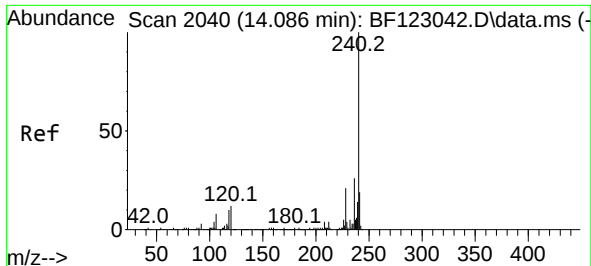
Tgt Ion:198 Resp: 969
Ion Ratio Lower Upper
198 100
51 273.4 20.3 60.3#
105 270.1 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion:248 Resp: 29051
Ion Ratio Lower Upper
248 100
250 194.5 76.8 115.2#
141 430.8 59.8 89.8#

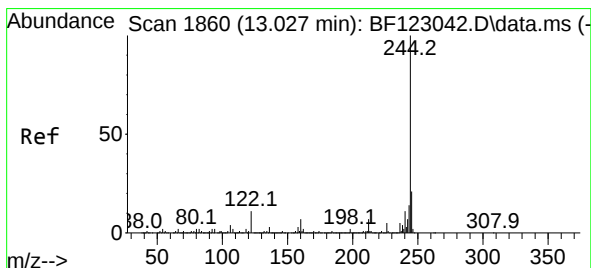
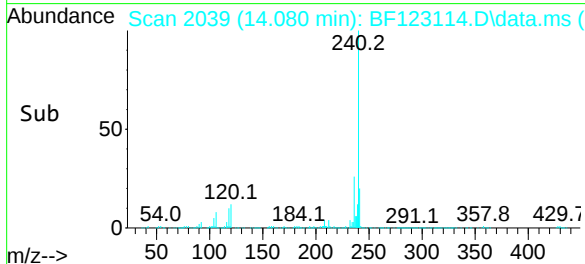
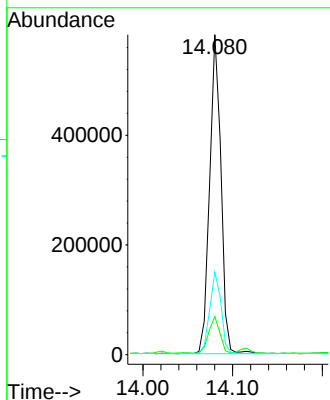
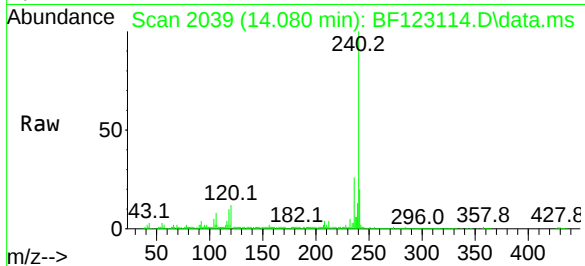




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

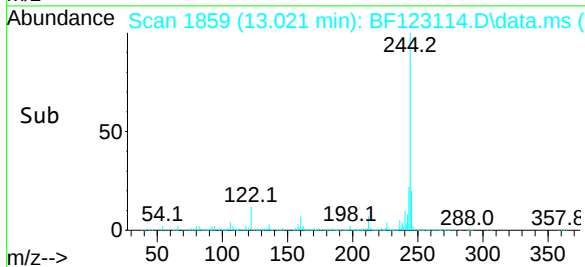
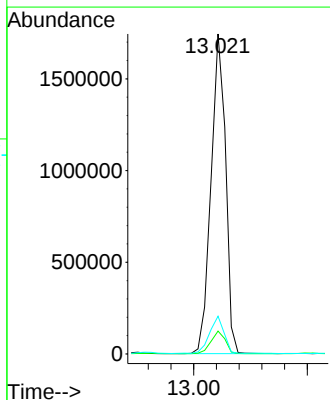
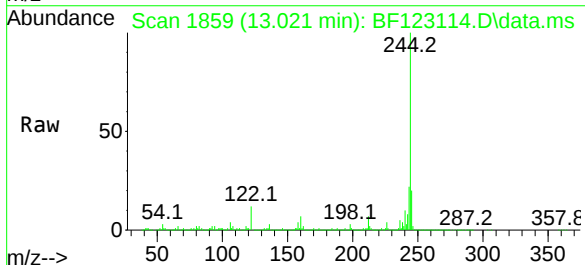
Instrument :
BNA_F
ClientSampleId :
OU421-007-0205

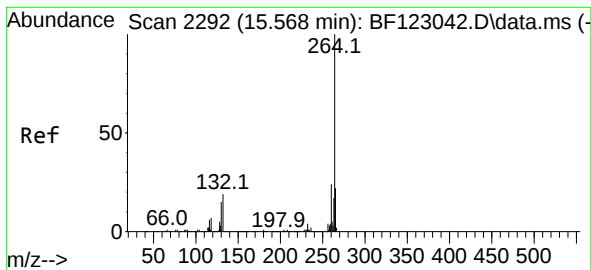
Tgt Ion:240 Resp: 509897
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 59.79 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123114.D
Acq: 4 Feb 2021 14:37

Tgt Ion:244 Resp: 1551801
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF123114.D
 Acq: 4 Feb 2021 14:37

Instrument :
 BNA_F
 ClientSampleId :
 OU421-007-0205

Tgt Ion:264 Resp: 498029
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.3 17.0 25.6

