

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123092.D
 Acq On : 29 Jan 2021 20:20
 Operator : JU/CG
 Sample : M1270-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP3

Quant Time: Jan 29 22:37:58 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)

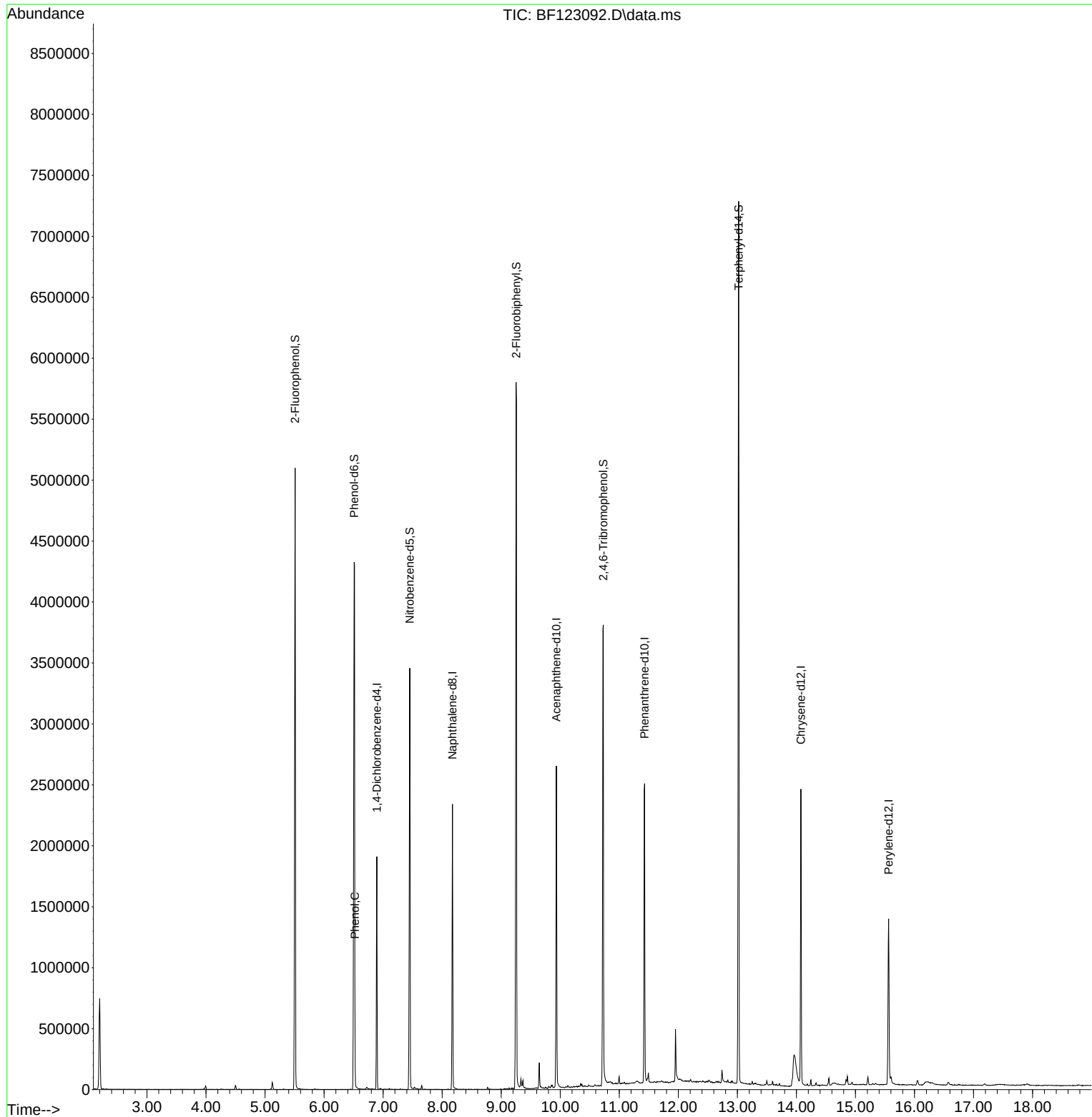
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	260719	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	994430	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	533534	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	966068	20.00	ng	0.00
76) Chrysene-d12	14.074	240	791719	20.00	ng	-0.01
86) Perylene-d12	15.562	264	625054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1480171	87.58	ng	0.00
7) Phenol-d6	6.510	99	1872932	81.75	ng	0.00
23) Nitrobenzene-d5	7.451	82	1171819	59.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	540880	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2086236	58.13	ng	0.00
79) Terphenyl-d14	13.021	244	2356752	58.48	ng	0.00
Target Compounds						
10) Phenol	6.522	94	69742	3.07	ng	Qvalue 96

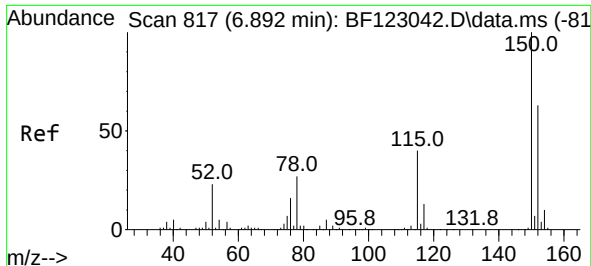
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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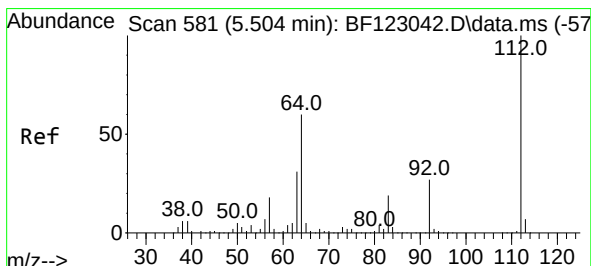
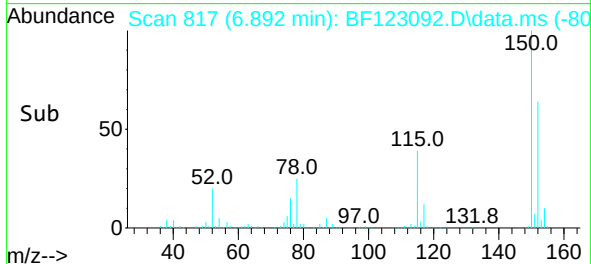
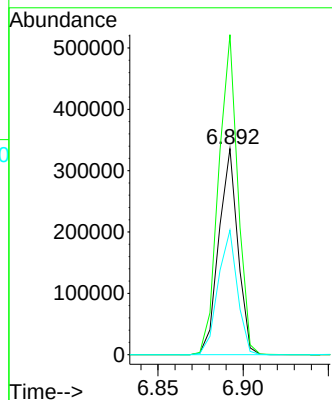
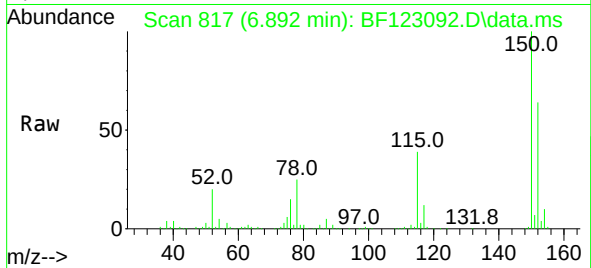




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

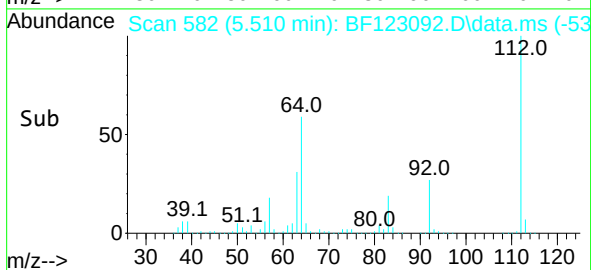
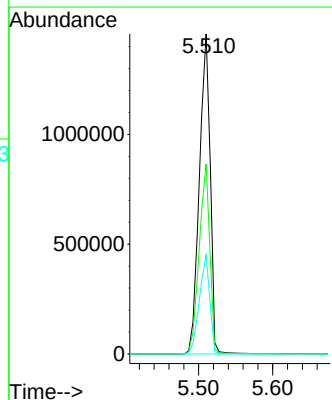
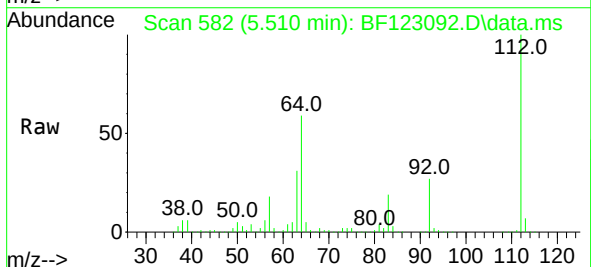
Instrument :
BNA_F
ClientSampleId :
RS-SP3

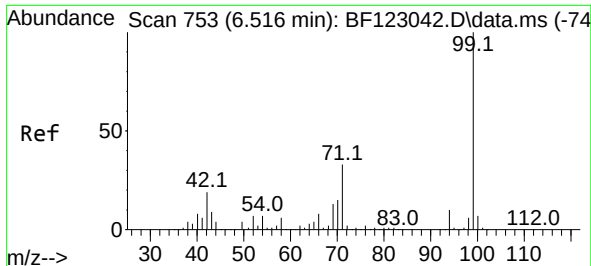
Tgt Ion:152 Resp: 260719
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 87.58 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:112 Resp: 1480171
Ion Ratio Lower Upper
112 100
64 59.4 46.9 70.3
63 30.9 24.5 36.7



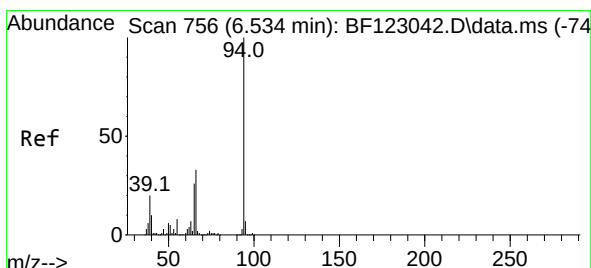
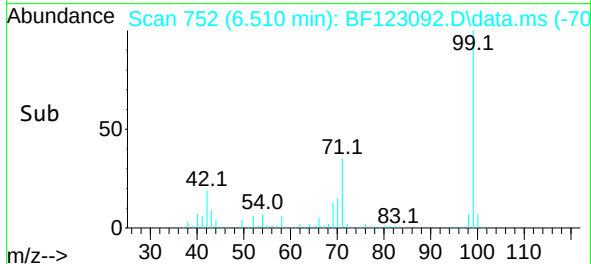
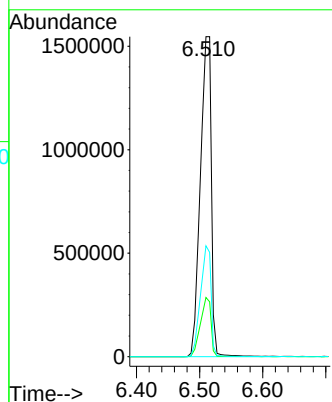
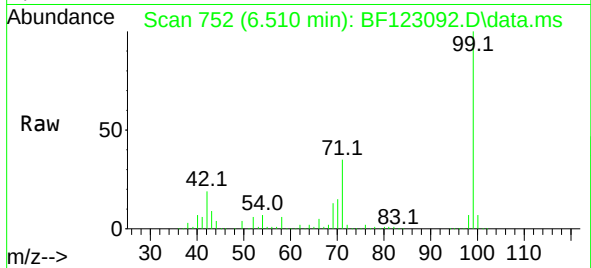


#7
Phenol-d6
Concen: 81.75 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Instrument :
BNA_F
ClientSampleId :
RS-SP3

Tgt Ion: 99 Resp: 1872932

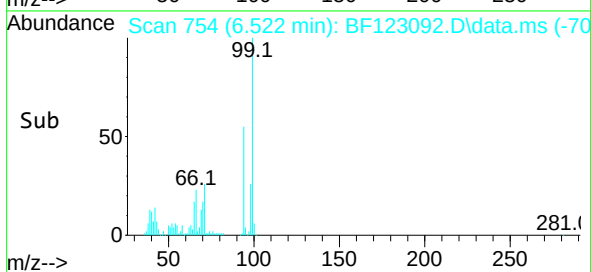
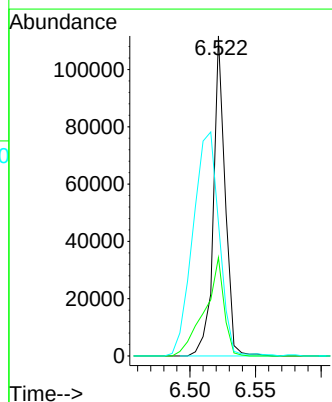
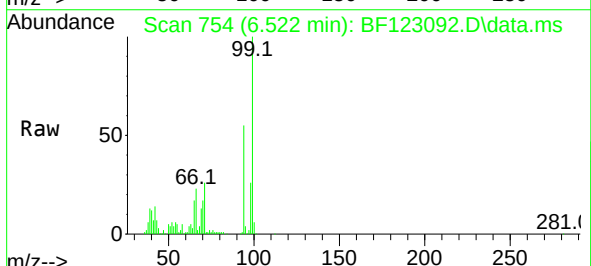
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.8	20.6
71	34.6	26.9	40.3

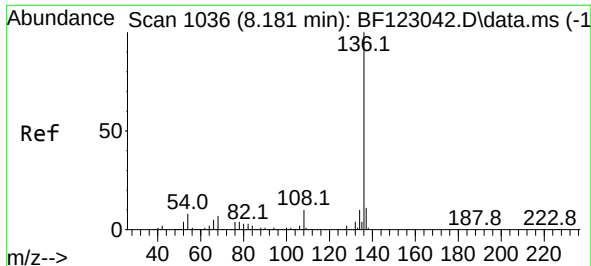


#10
Phenol
Concen: 3.07 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion: 94 Resp: 69742

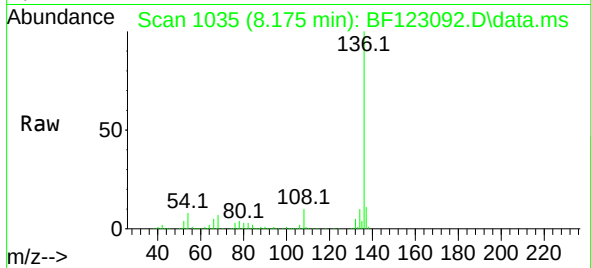
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.2	51.2
66	41.6	25.8	65.8



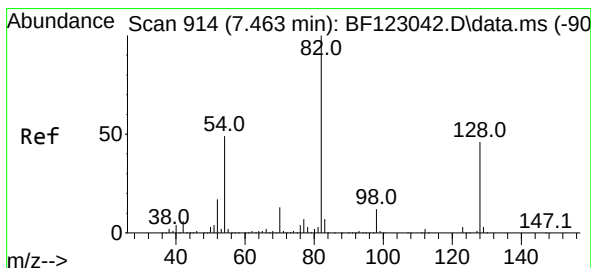
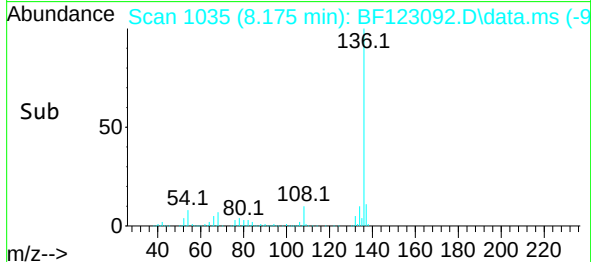
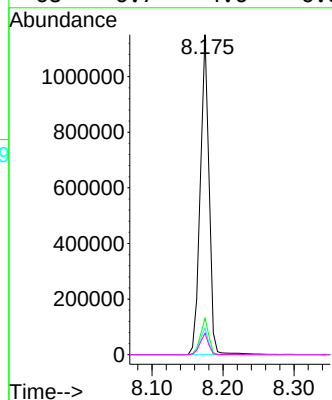


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Instrument :
BNA_F
ClientSampled :
RS-SP3

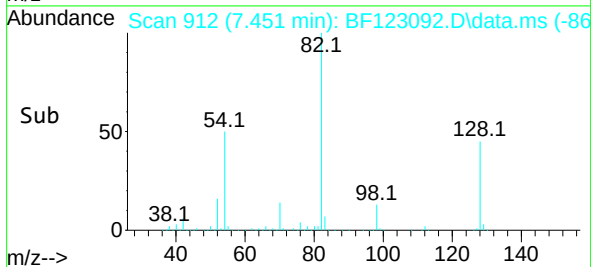
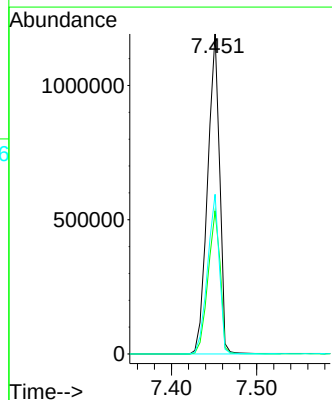
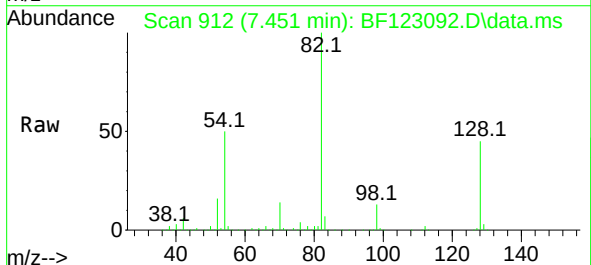


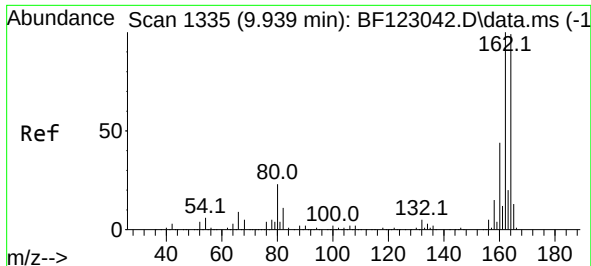
Tgt Ion:	136	Resp:	994430
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.3	5.5	8.3
68	6.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 59.30 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:	82	Resp:	1171819
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.4
54	49.9	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF123092.D

Acq: 29 Jan 2021 20:20

Tgt Ion:164 Resp: 533534

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

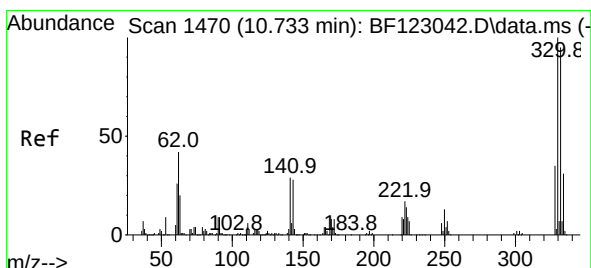
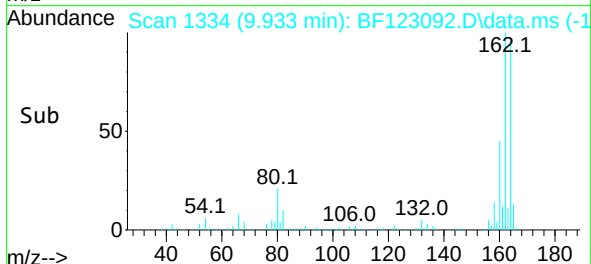
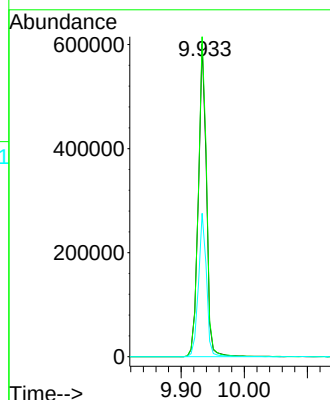
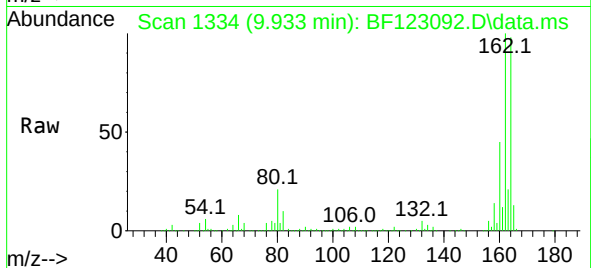
160 45.8 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

RS-SP3



#42

2,4,6-Tribromophenol

Concen: 93.39 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123092.D

Acq: 29 Jan 2021 20:20

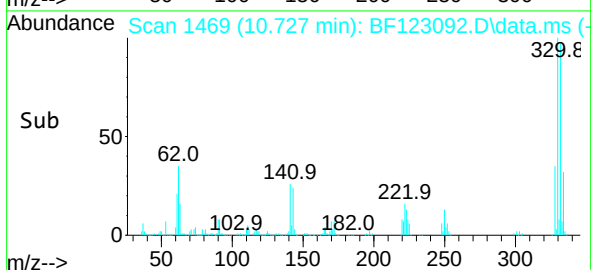
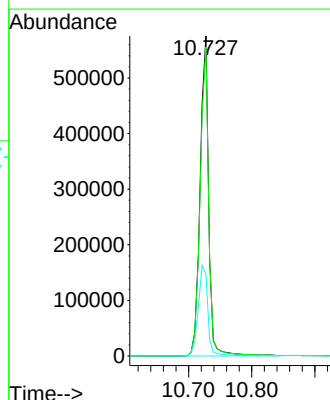
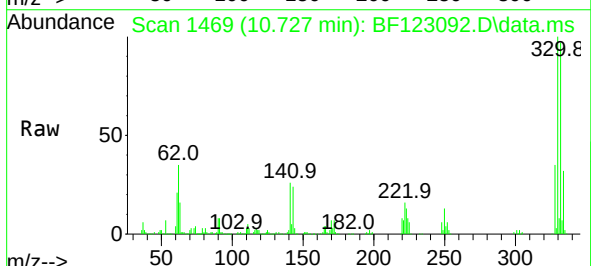
Tgt Ion:330 Resp: 540880

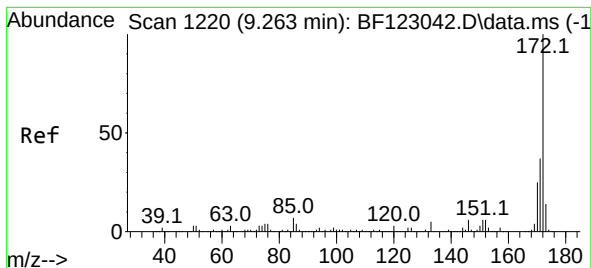
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 31.9 23.8 35.8

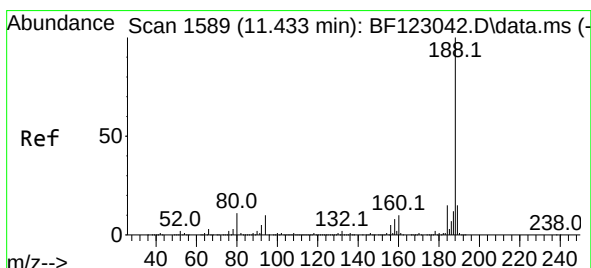
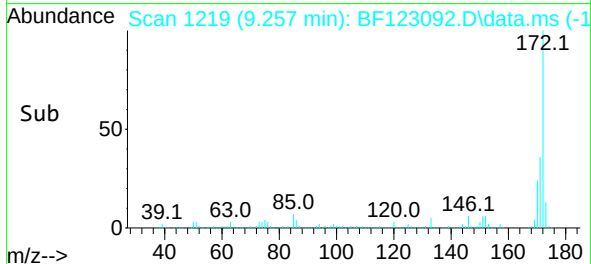
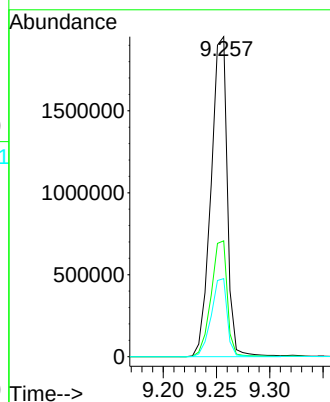
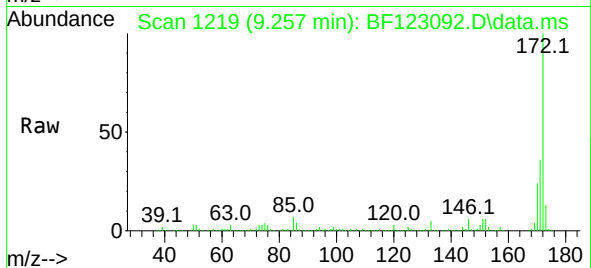




#45
2-Fluorobiphenyl
Concen: 58.13 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

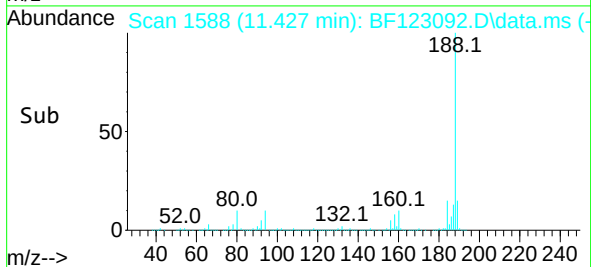
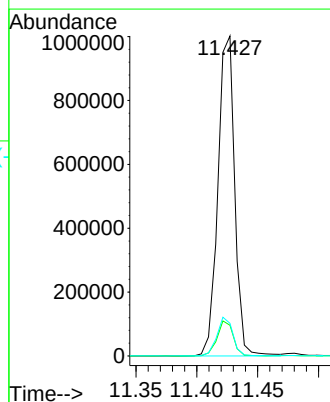
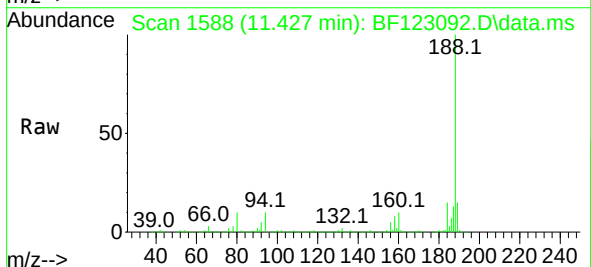
Instrument :
BNA_F
ClientSampleId :
RS-SP3

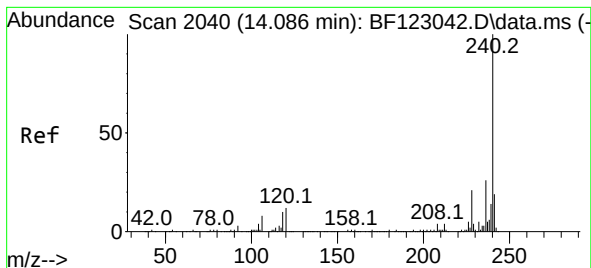
Tgt Ion:172 Resp: 2086236
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:188 Resp: 966068
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.2 8.2 12.4

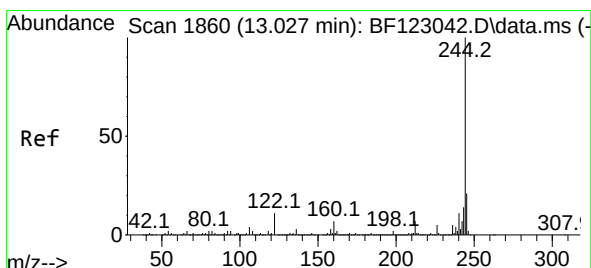
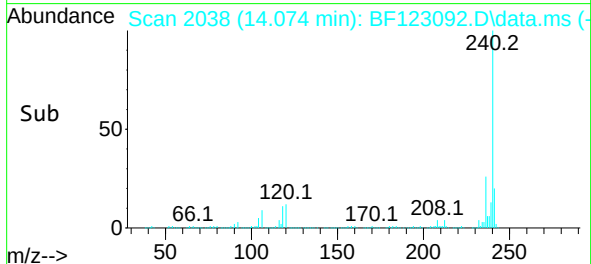
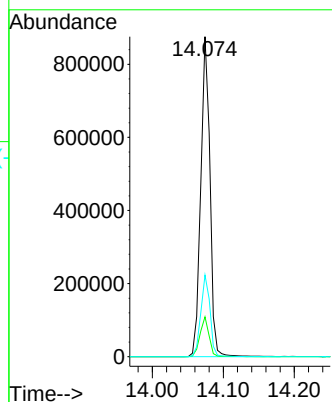
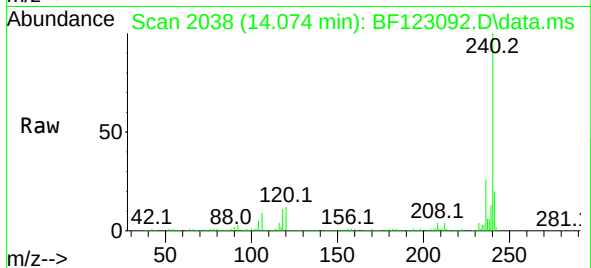




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

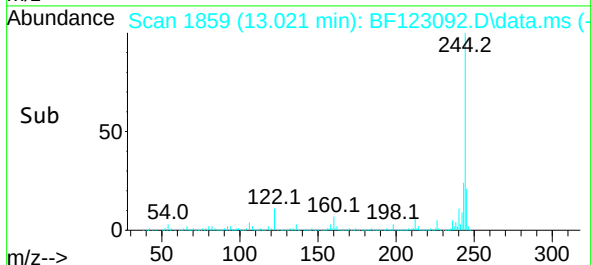
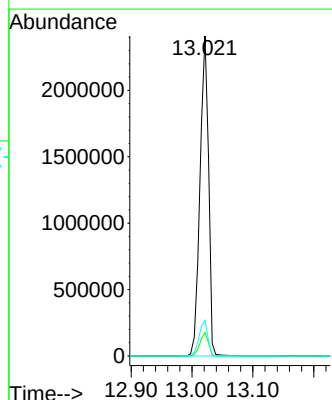
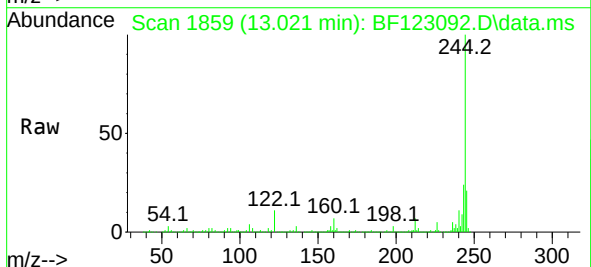
Instrument :
BNA_F
ClientSampleId :
RS-SP3

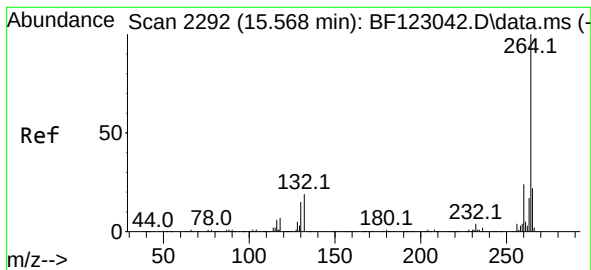
Tgt Ion:240 Resp: 791719
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 58.48 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

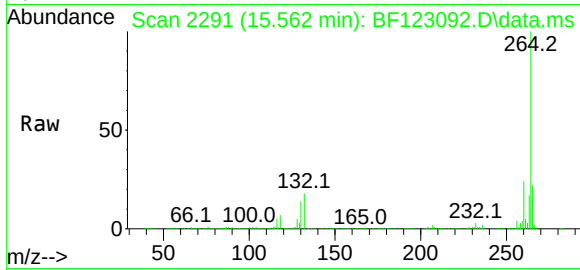
Tgt Ion:244 Resp: 2356752
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123092.D
 Acq: 29 Jan 2021 20:20

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP3



Tgt Ion:264 Resp: 625054
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.7 17.0 25.6

