

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127186.D
 Acq On : 03 Mar 2022 22:20
 Operator : CG\JU
 Sample : N1726-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275

Quant Time: Mar 04 02:15:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

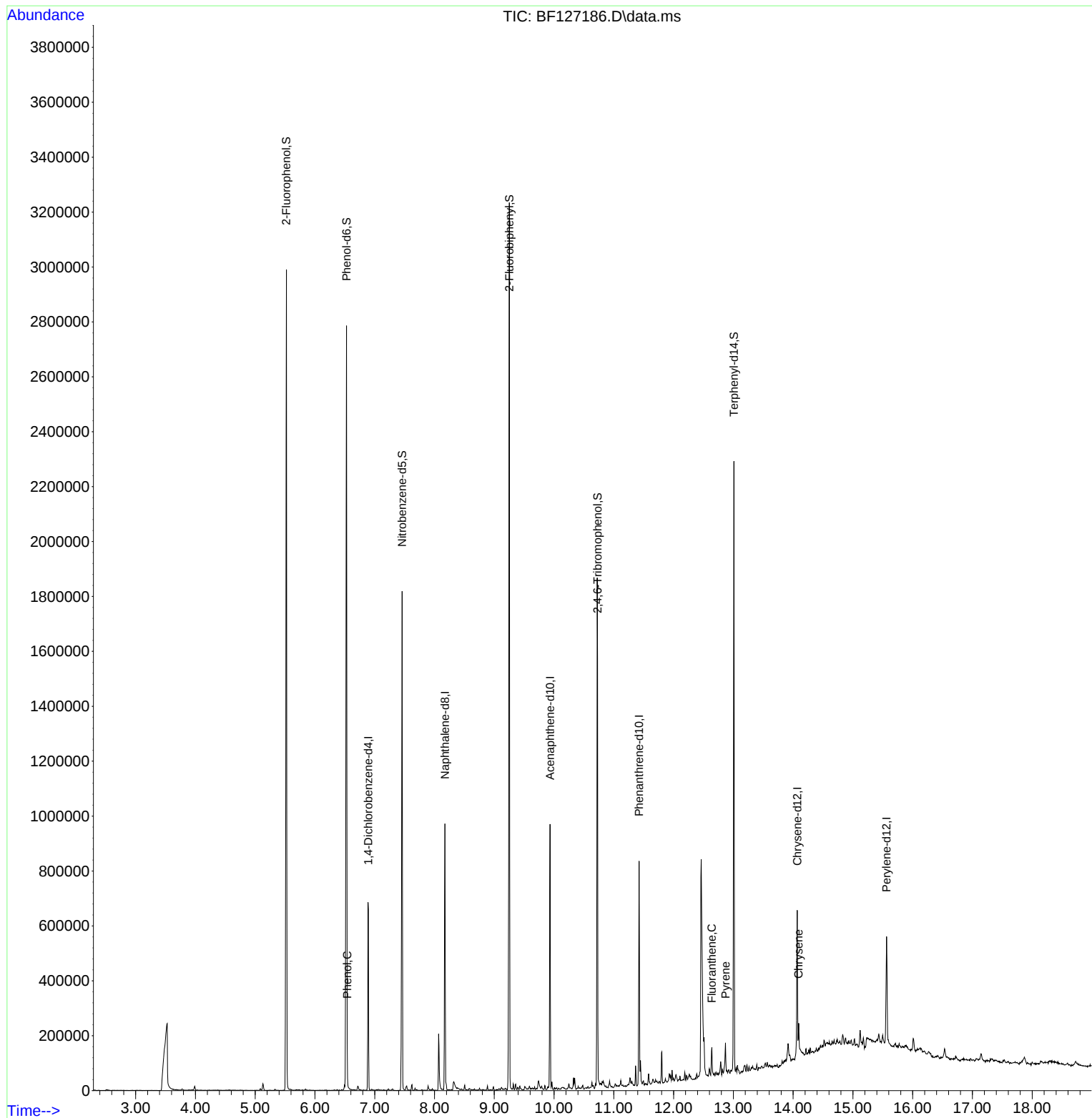
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	94977	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	366002	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	170919	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	263850	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	157570	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	151960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	744363	121.131	ng	0.01
7) Phenol-d6	6.528	99	952926	114.922	ng	0.00
23) Nitrobenzene-d5	7.457	82	568084	70.059	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	212980	108.227	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	862664	74.303	ng	0.00
79) Terphenyl-d14	13.010	244	669057	62.419	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.540	94	21703	2.590	ng	87
75) Fluoranthene	12.639	202	32327	2.305	ng	93
78) Pyrene	12.869	202	34600	2.527	ng	99
83) Chrysene	14.092	228	35942	3.598	ng	97

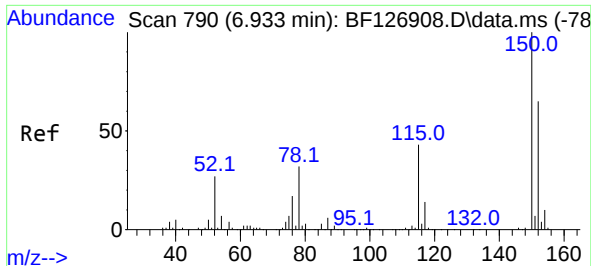
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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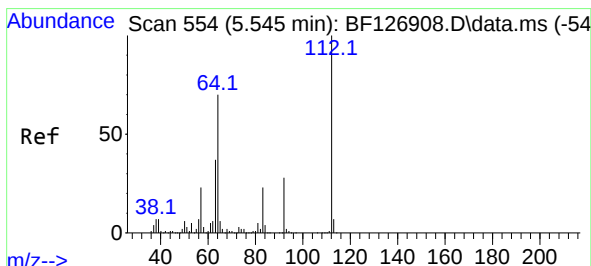
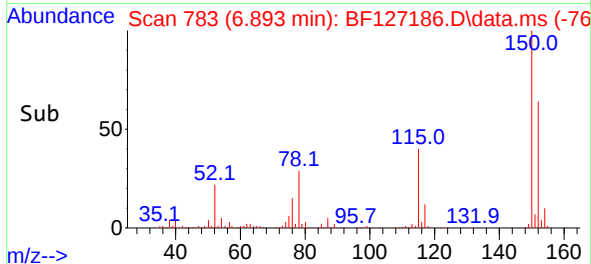
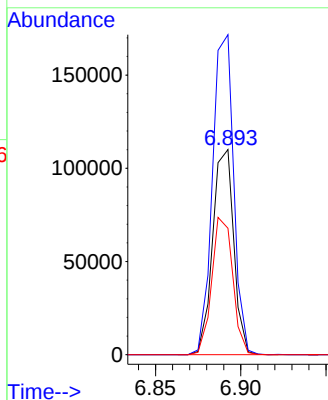
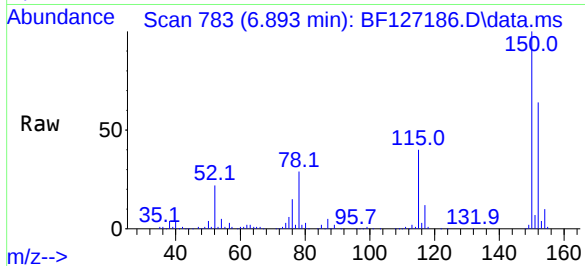




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

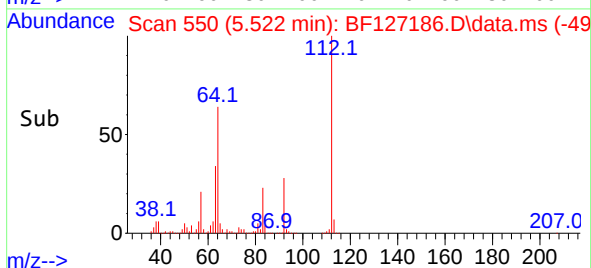
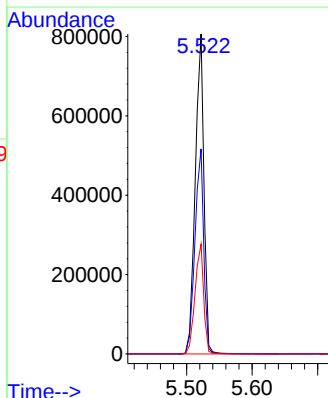
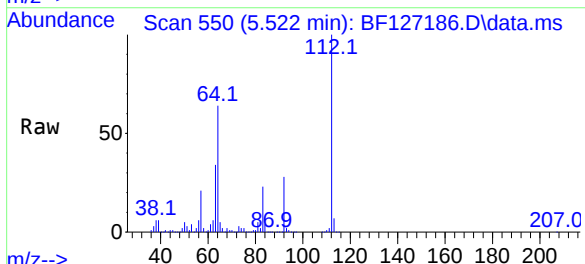
Instrument :
BNA_F
ClientSampleId :
275

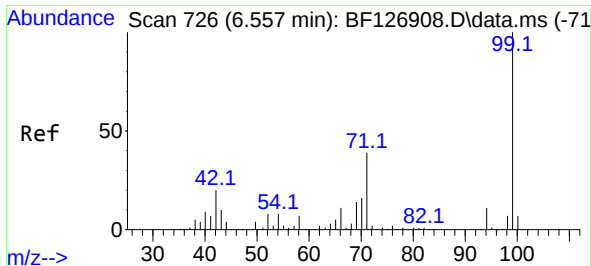
Tgt Ion:152 Resp: 94977
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 61.6 56.7 85.1



#5
2-Fluorophenol
Concen: 121.131 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:112 Resp: 744363
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 34.3 23.9 35.9

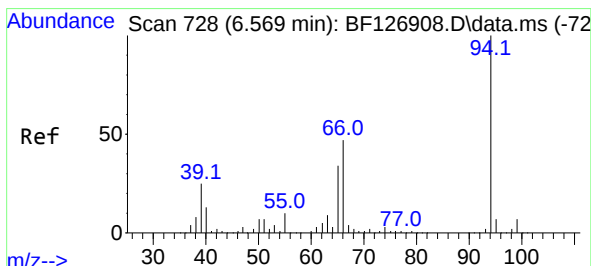
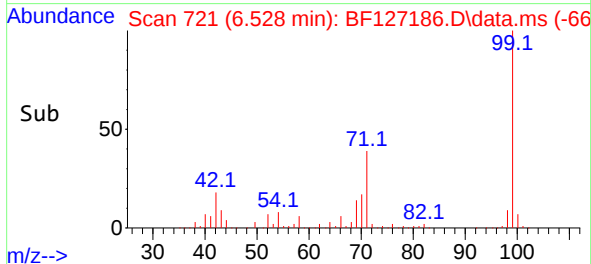
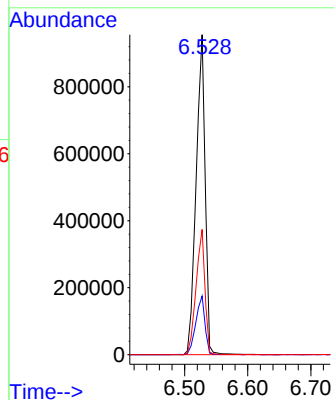
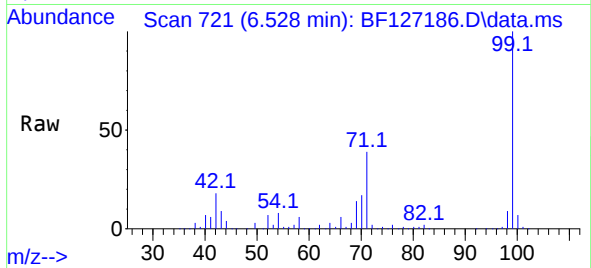




#7
Phenol-d6
Concen: 114.922 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

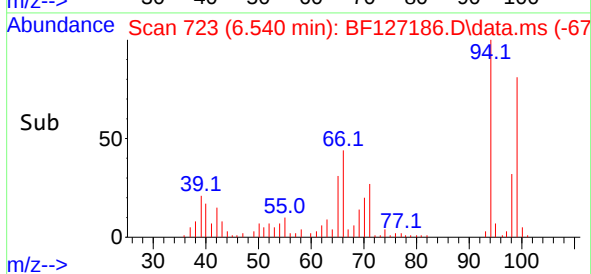
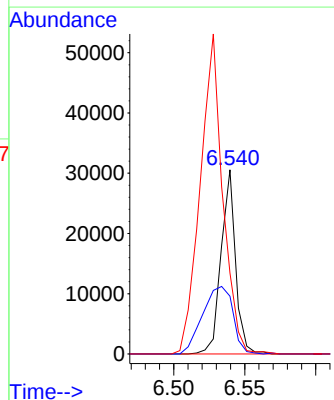
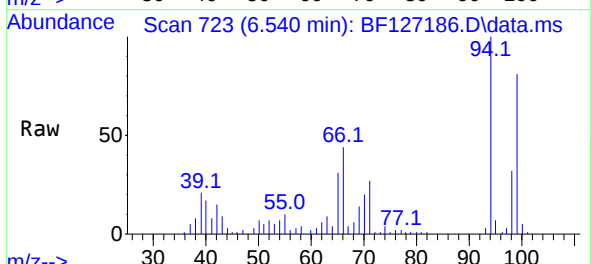
Instrument :
BNA_F
ClientSampleId :
275

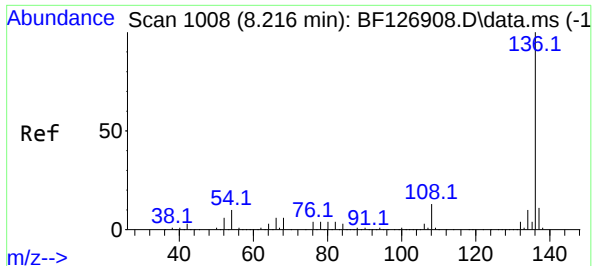
Tgt Ion: 99 Resp: 952926
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 39.1 24.3 36.5#



#10
Phenol
Concen: 2.590 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion: 94 Resp: 21703
Ion Ratio Lower Upper
94 100
65 31.4 7.2 47.2
66 43.9 14.5 54.5

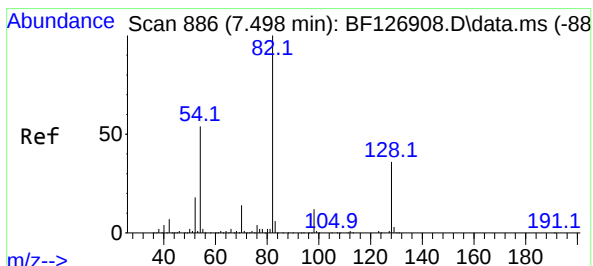
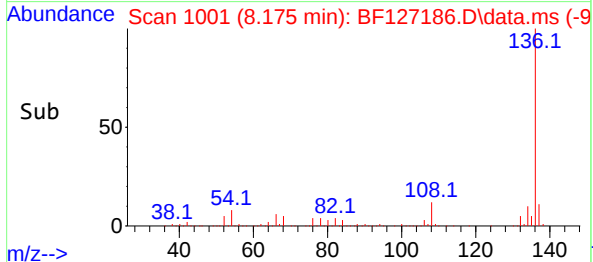
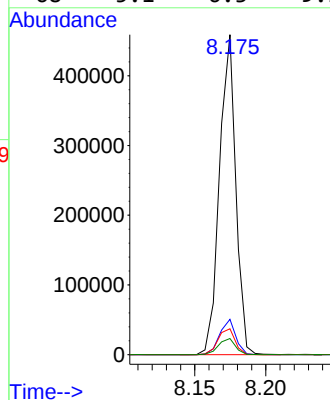
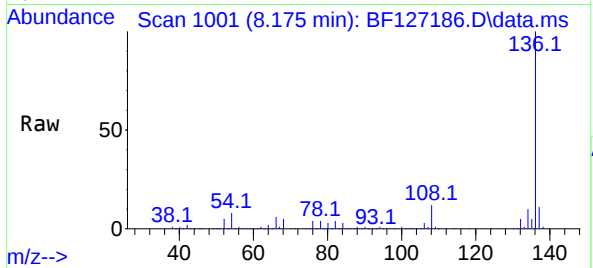




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

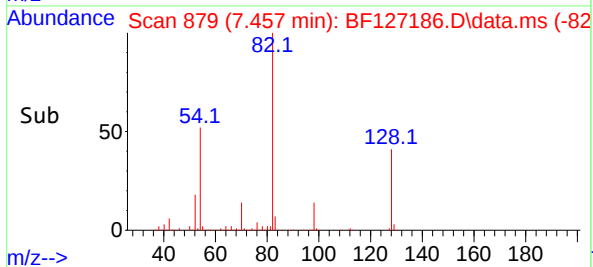
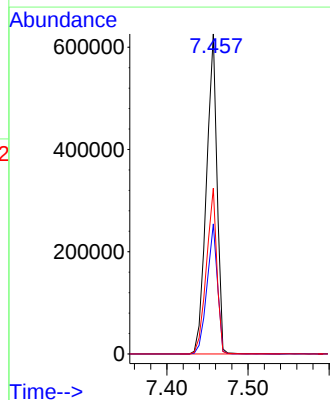
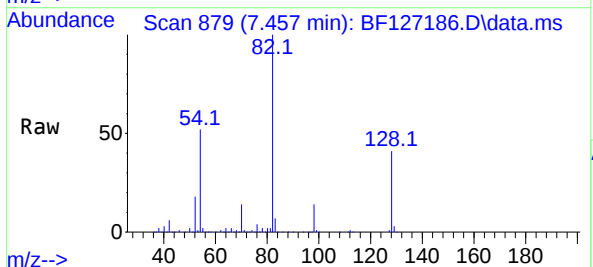
Instrument :
BNA_F
ClientSampleId :
275

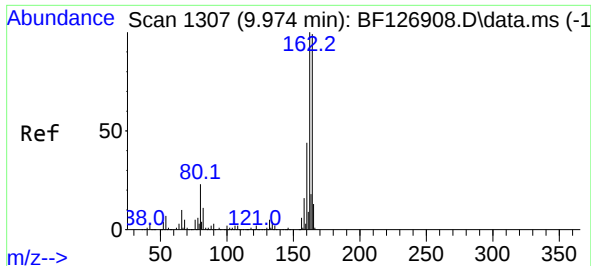
Tgt Ion:136 Resp: 366002
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.8 11.6
68 5.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 70.059 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion: 82 Resp: 568084
Ion Ratio Lower Upper
82 100
128 40.6 32.7 49.1
54 51.8 41.7 62.5

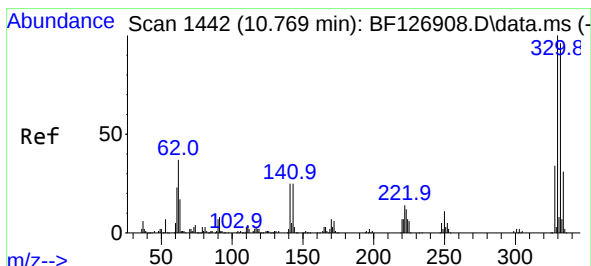
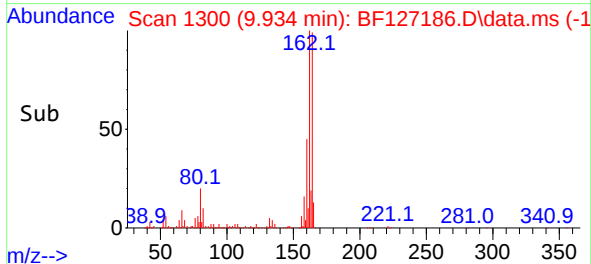
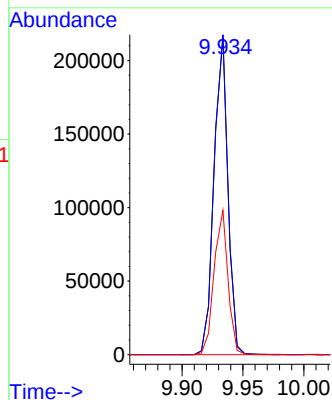
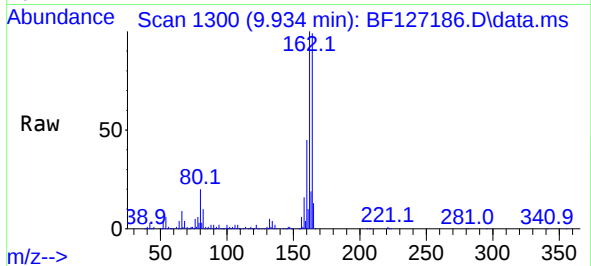




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

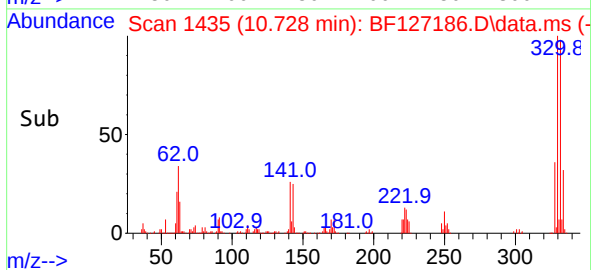
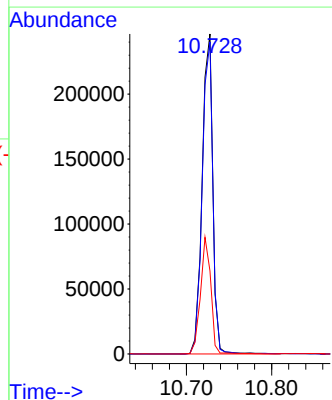
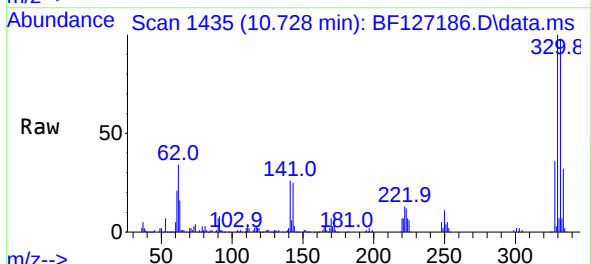
Instrument :
BNA_F
ClientSampleId :
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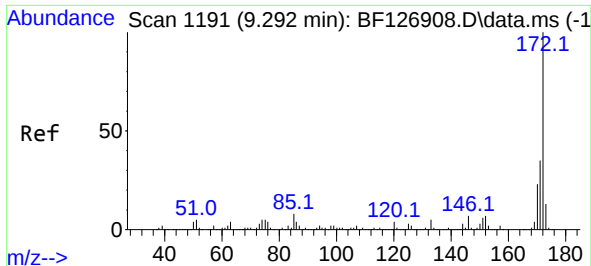
Tgt Ion:164 Resp: 170919
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 108.227 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:330 Resp: 212980
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 35.8 30.1 45.1

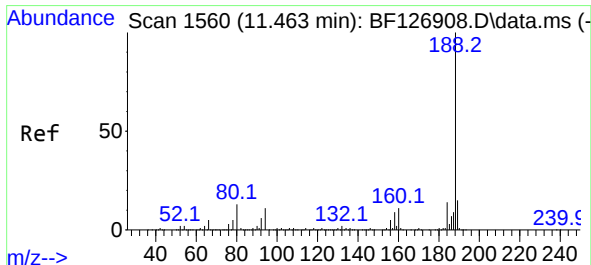
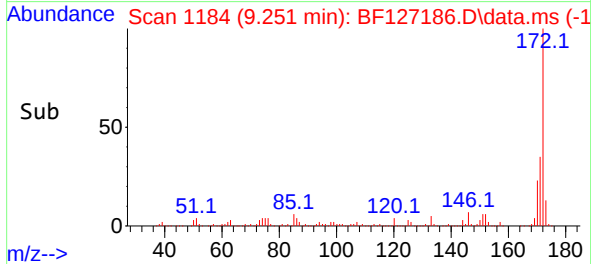
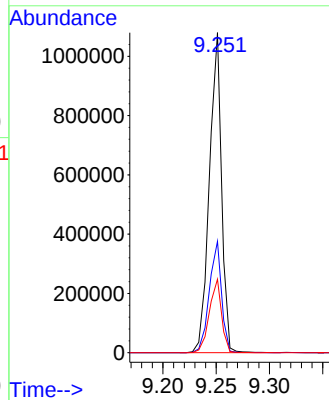
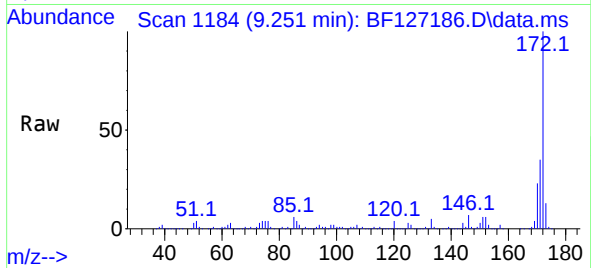




#45
2-Fluorobiphenyl
Concen: 74.303 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

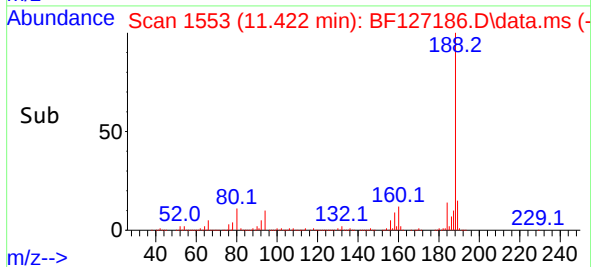
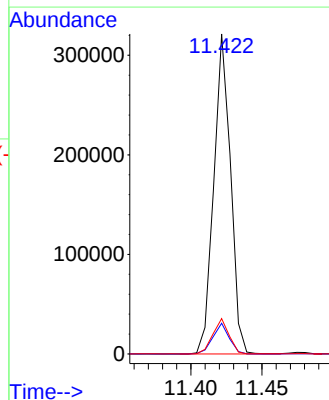
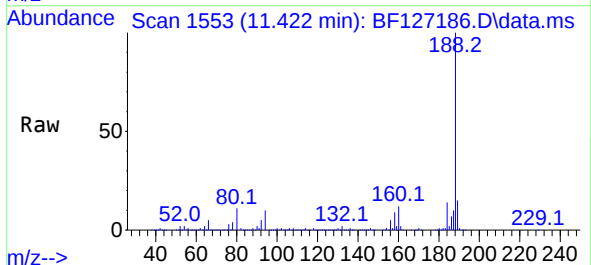
Instrument :
BNA_F
ClientSampleId :
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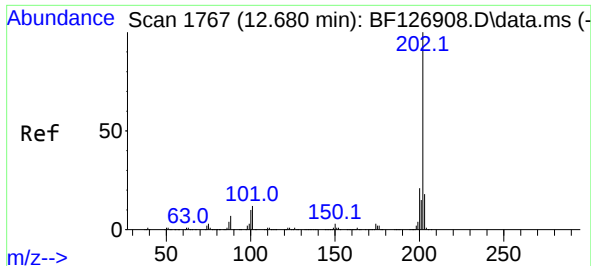
Tgt Ion:172 Resp: 862664
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:188 Resp: 263850
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 11.0 11.8 17.6#

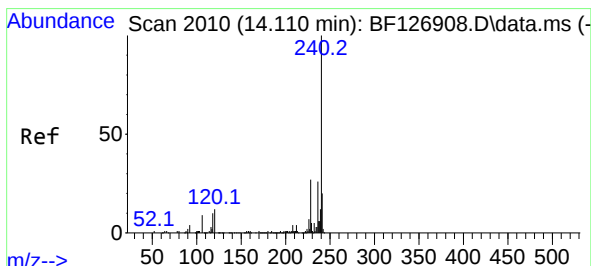
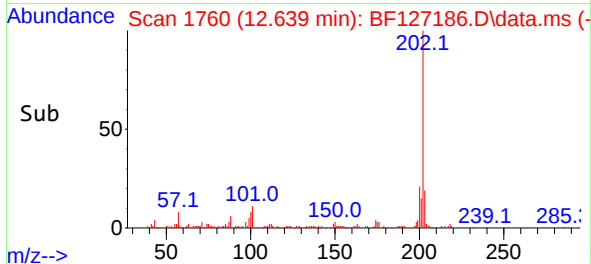
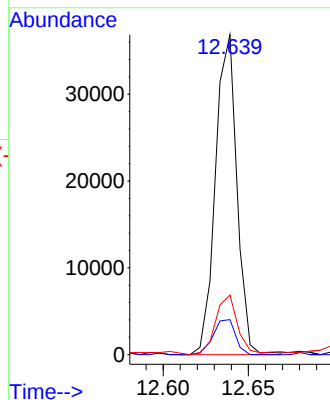
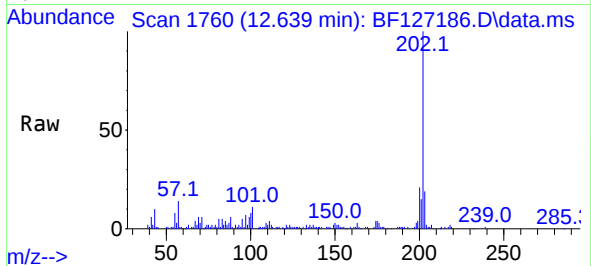




#75
Fluoranthene
Concen: 2.305 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

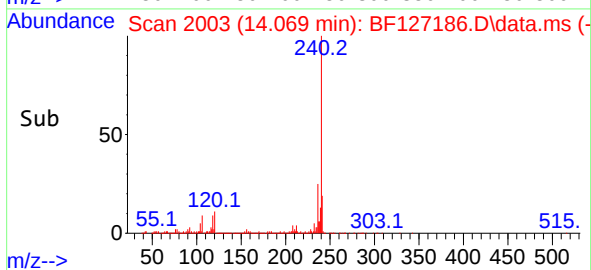
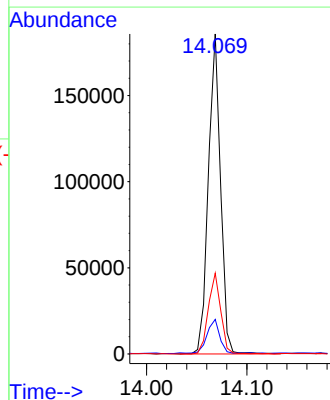
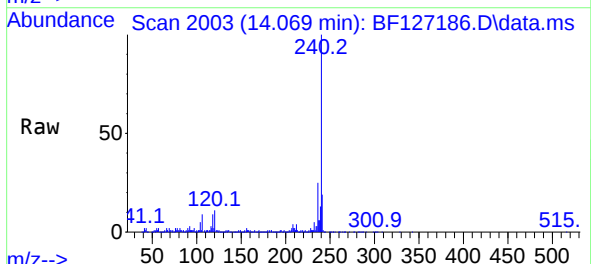
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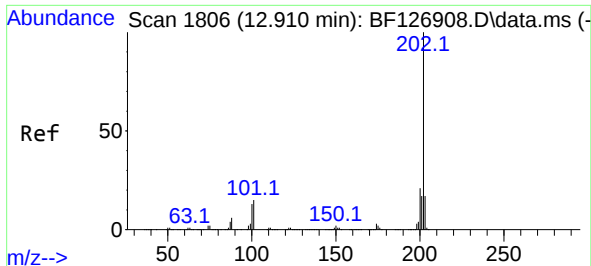
Tgt Ion:	202	Resp:	32327
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	35.7
203	18.6	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:	240	Resp:	157570
Ion	Ratio	Lower	Upper
240	100		
120	10.8	14.4	21.6#
236	25.2	20.5	30.7

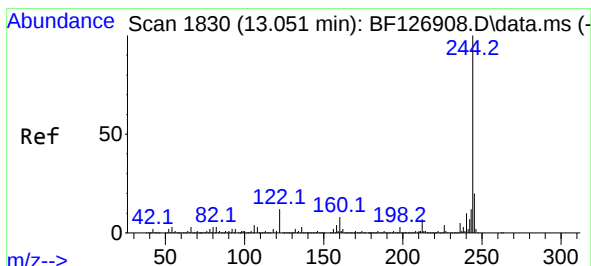
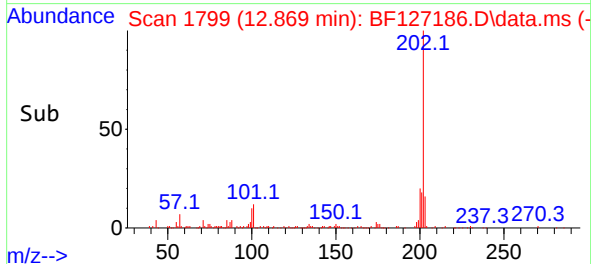
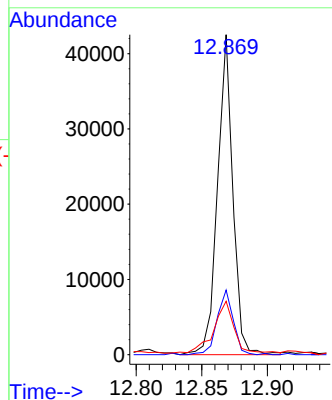
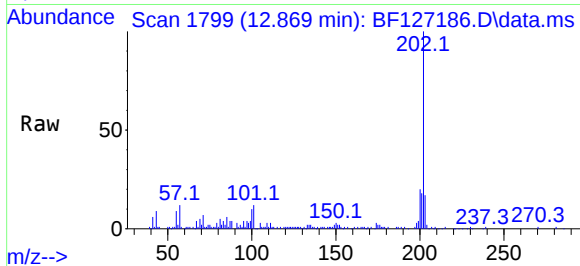




#78
Pyrene
Concen: 2.527 ng
RT: 12.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

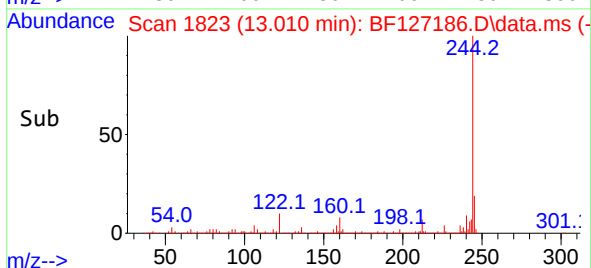
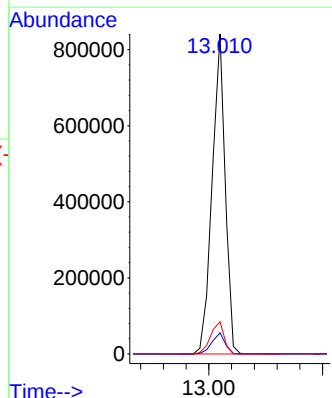
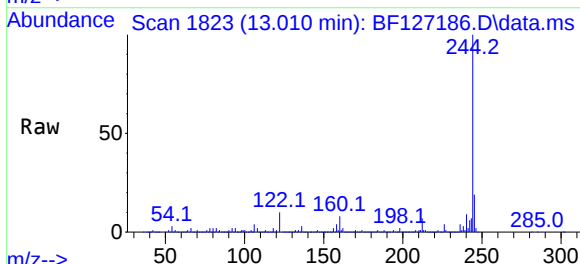
Instrument :
BNA_F
ClientSampleId :
275

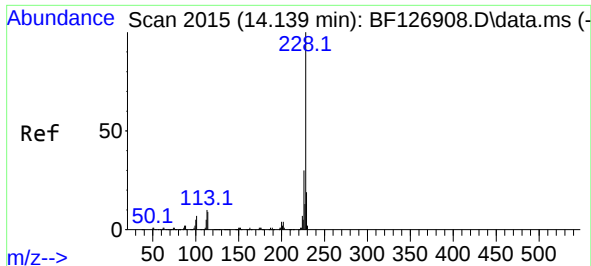
Tgt Ion:	202	Resp:	34600
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	24.8
203	16.7	13.8	20.8



#79
Terphenyl-d14
Concen: 62.419 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:	244	Resp:	669057
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.0	7.4
122	10.1	13.3	19.9

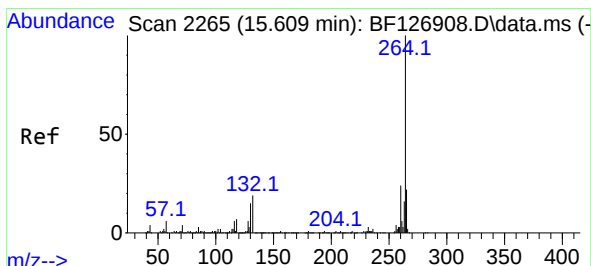
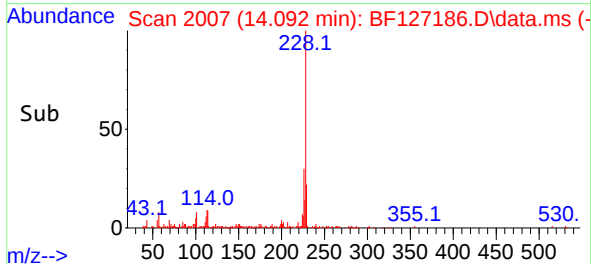
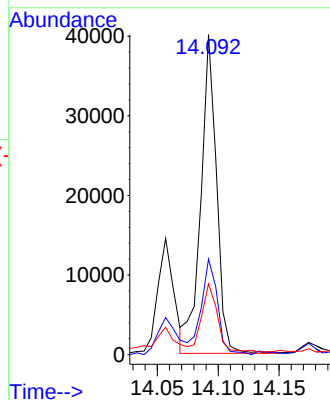
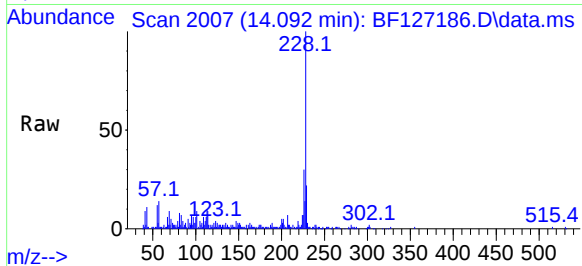




#83
Chrysene
Concen: 3.598 ng
RT: 14.092 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Instrument :
BNA_F
ClientSampleId :
275

Tgt Ion:	228	Resp:	35942
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	22.1	15.5	23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127186.D
Acq: 03 Mar 2022 22:20

Tgt Ion:	264	Resp:	151960
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.8	17.4	26.2

