

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126313.D
 Acq On : 21 Dec 2021 23:54
 Operator : JU/CG
 Sample : M5184-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Dec 22 05:23:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

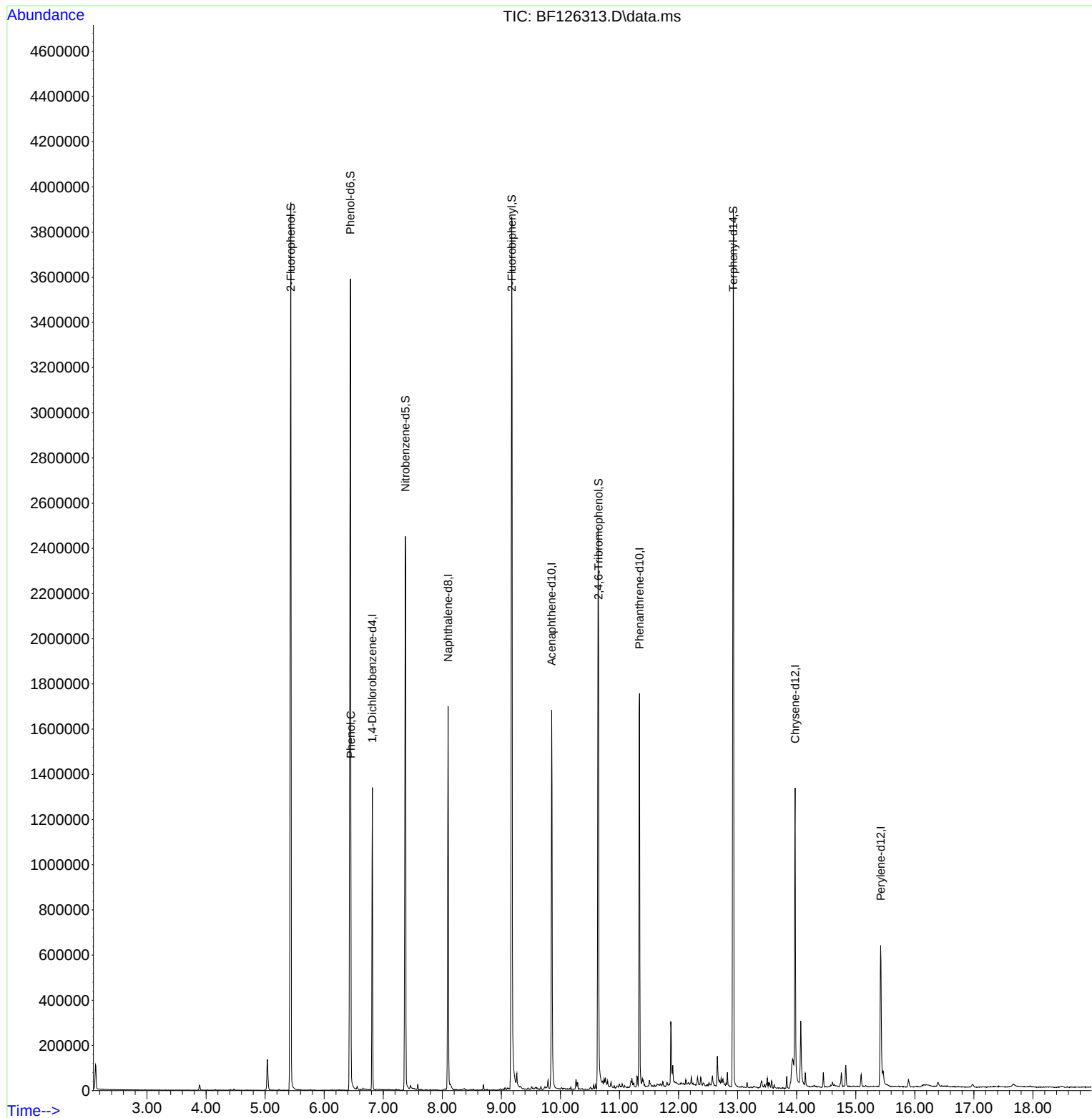
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183558	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	814384	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	404350	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	670762	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	455380	20.000	ng	0.00
86) Perylene-d12	15.421	264	339397	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1203398	96.546	ng	0.01
7) Phenol-d6	6.445	99	1543113	97.501	ng	0.00
23) Nitrobenzene-d5	7.375	82	1028770	68.417	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	346596	106.660	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1498894	65.015	ng	0.00
79) Terphenyl-d14	12.927	244	1350476	51.546	ng	0.00
Target Compounds						
10) Phenol	6.451	94	44839	2.524	ng	Qvalue 81

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

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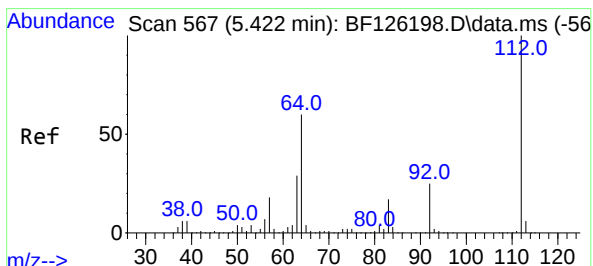
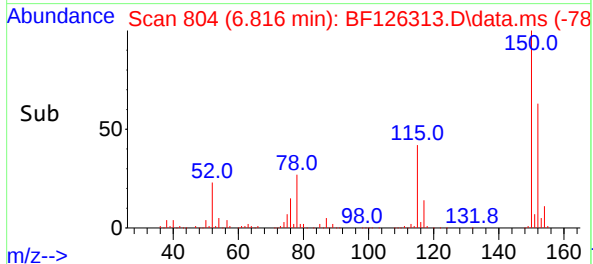
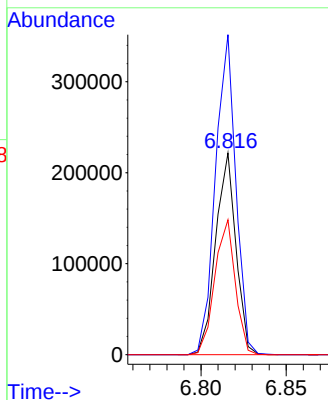
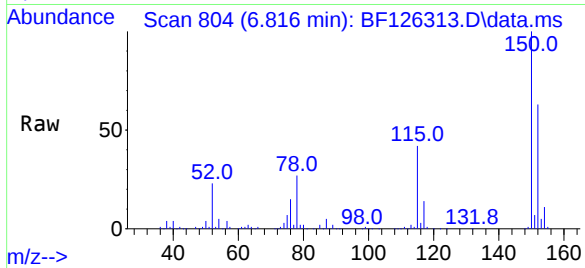




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

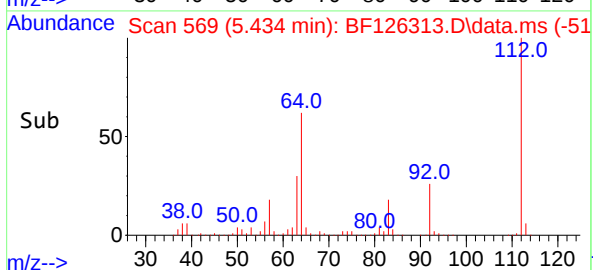
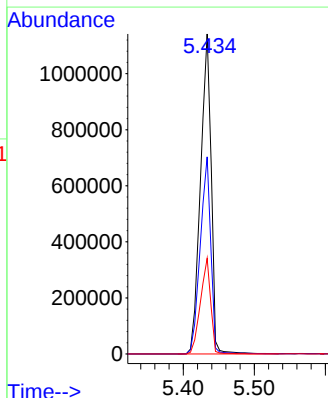
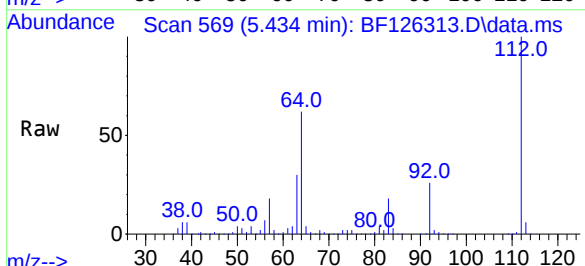
Instrument :
BNA_F
ClientSampleId :
SB-6

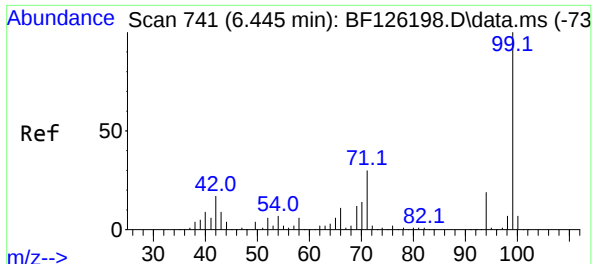
Tgt Ion:152 Resp: 183558
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 66.9 47.1 70.7



#5
2-Fluorophenol
Concen: 96.546 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion:112 Resp: 1203398
Ion Ratio Lower Upper
112 100
64 61.6 44.2 66.2
63 29.9 26.2 39.2

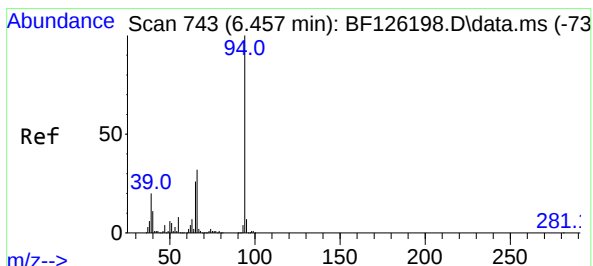
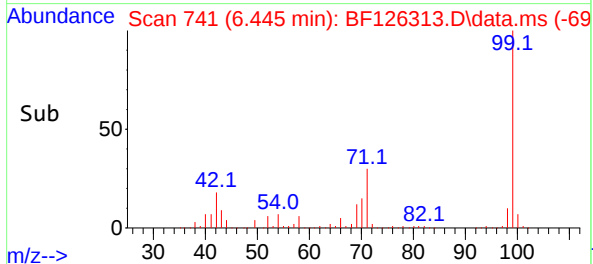
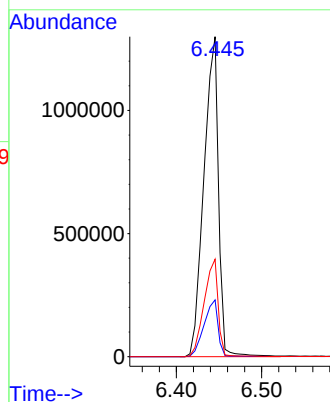
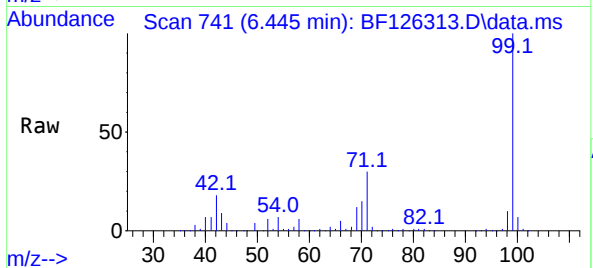




#7
Phenol-d6
Concen: 97.501 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

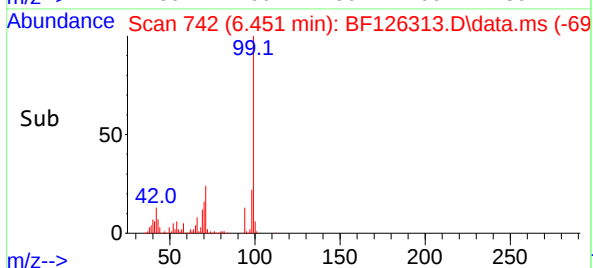
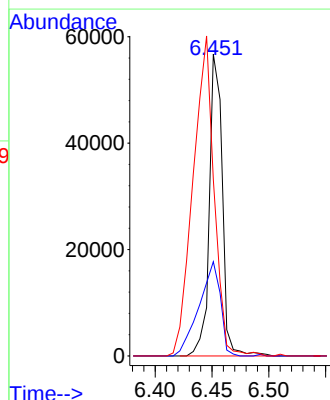
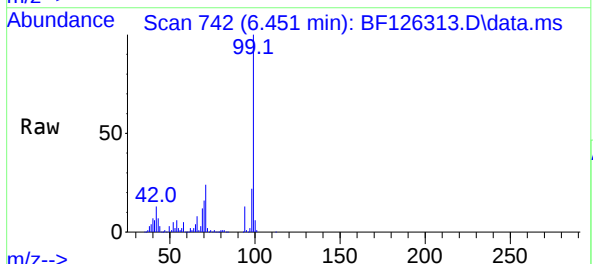
Instrument :
BNA_F
ClientSampleId :
SB-6

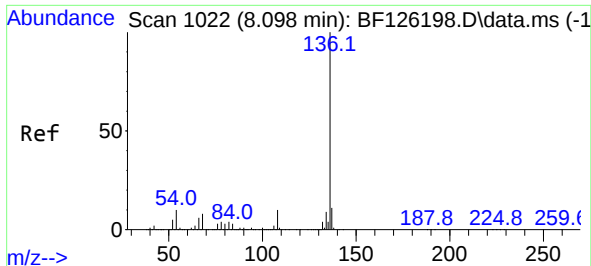
Tgt Ion: 99 Resp: 1543113
Ion Ratio Lower Upper
99 100
42 17.8 23.5 35.3#
71 30.4 25.6 38.4



#10
Phenol
Concen: 2.524 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion: 94 Resp: 44839
Ion Ratio Lower Upper
94 100
65 31.2 9.3 49.3
66 58.5 20.3 60.3



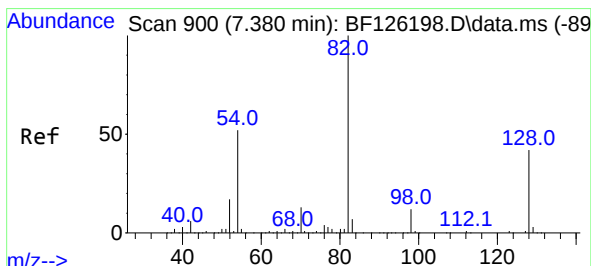
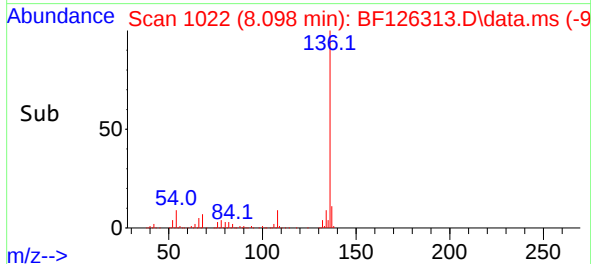
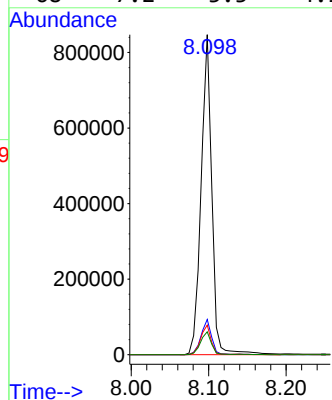
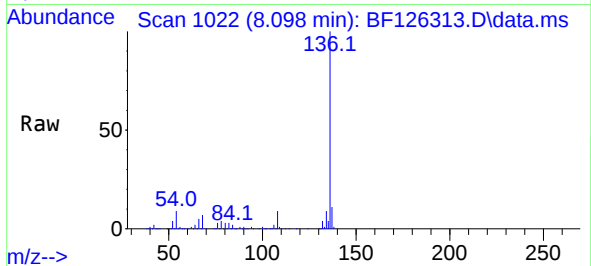


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion:136 Resp: 814384

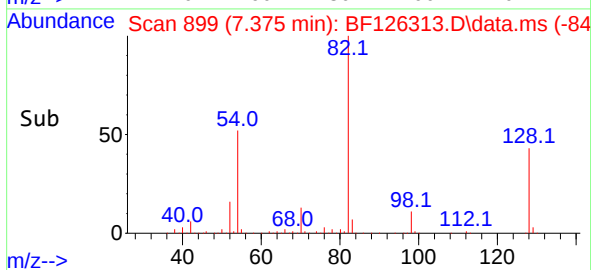
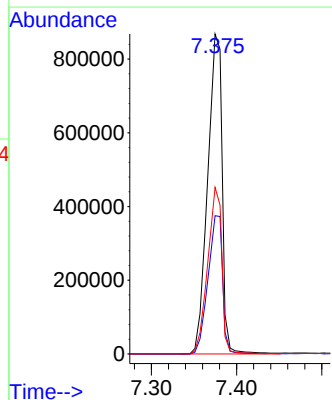
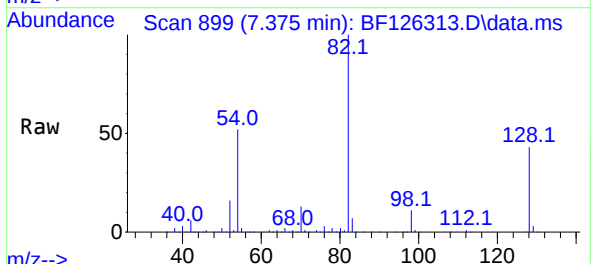
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.3	6.4	9.6
68	7.2	3.3	4.9

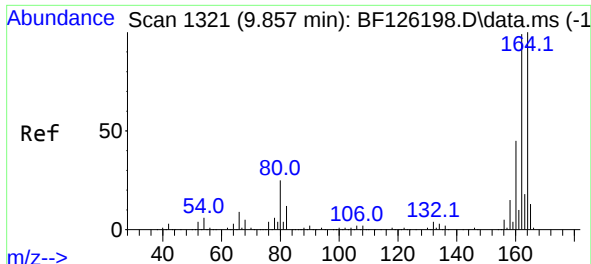


#23
Nitrobenzene-d5
Concen: 68.417 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion: 82 Resp: 1028770

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	52.0	49.6	74.4

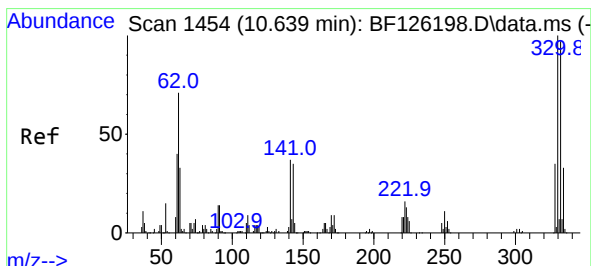
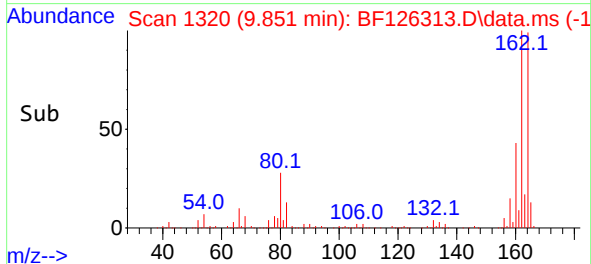
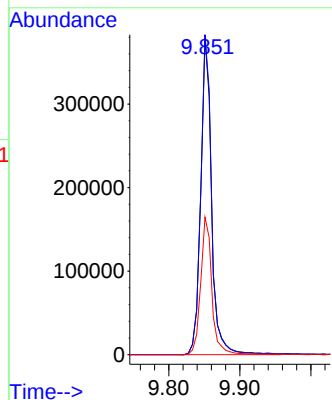
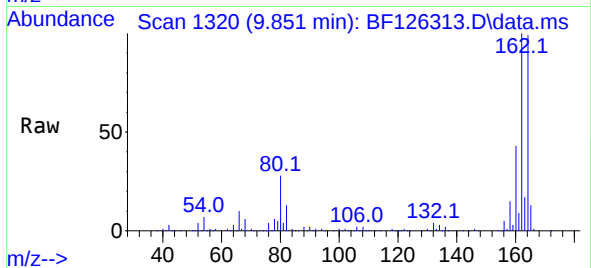




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

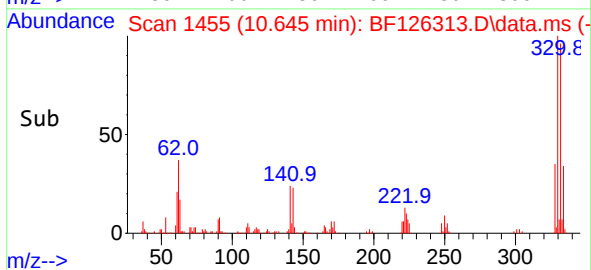
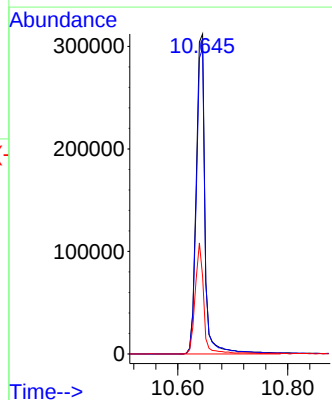
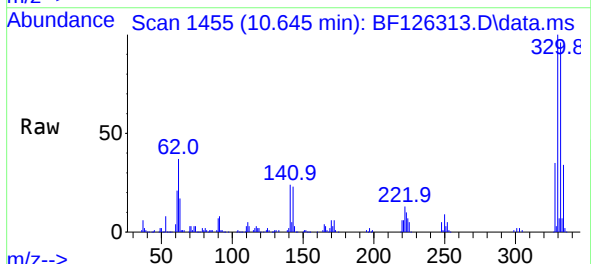
Instrument :
BNA_F
ClientSampleId :
SB-6

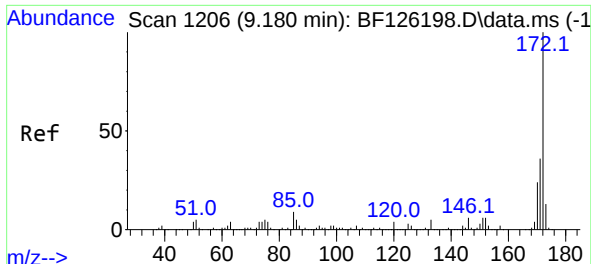
Tgt Ion:164 Resp: 404350
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 106.660 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion:330 Resp: 346596
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 33.2 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 65.015 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

Instrument :

BNA_F

ClientSampleId :

SB-6

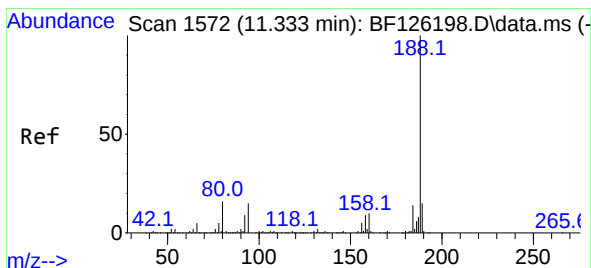
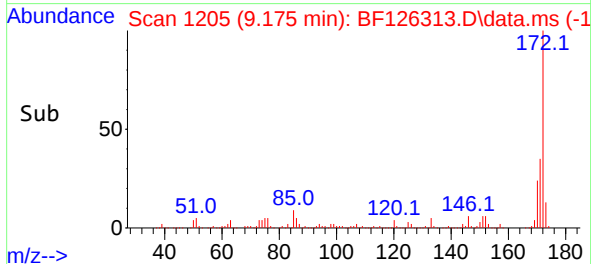
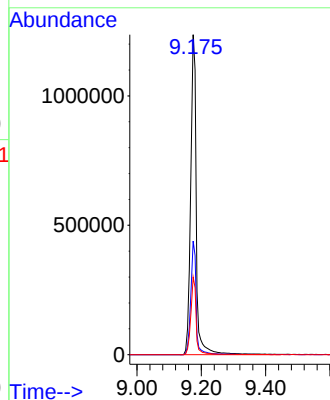
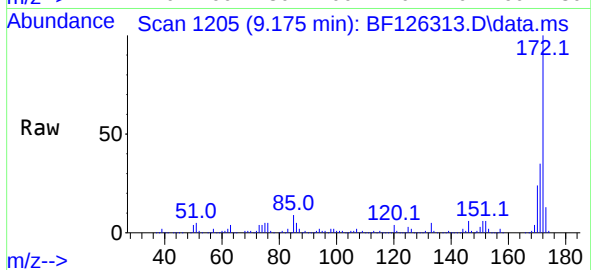
Tgt Ion:172 Resp: 1498894

Ion Ratio Lower Upper

172 100

171 35.5 26.5 39.7

170 24.2 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF126313.D

Acq: 21 Dec 2021 23:54

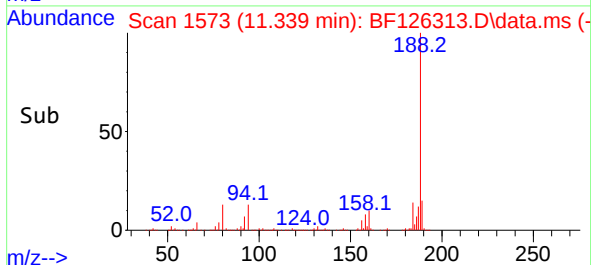
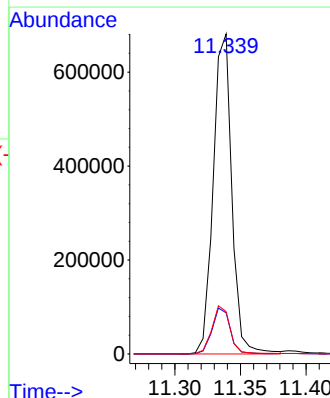
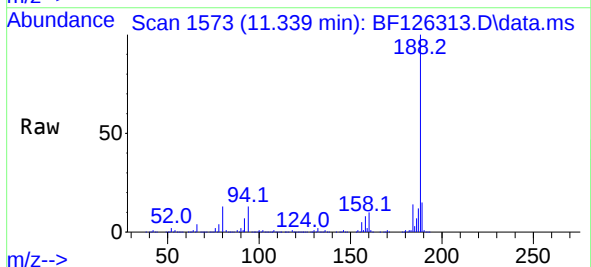
Tgt Ion:188 Resp: 670762

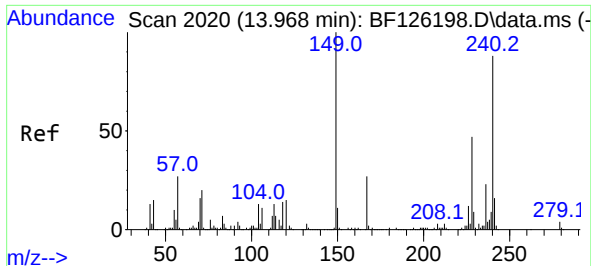
Ion Ratio Lower Upper

188 100

94 12.9 6.7 10.1#

80 13.3 7.5 11.3#

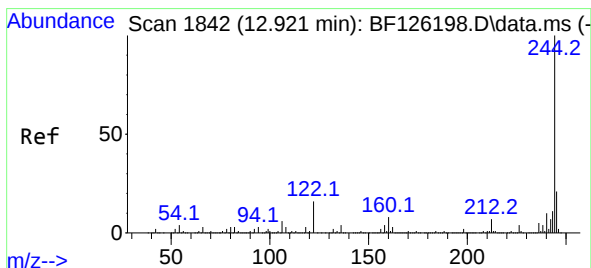
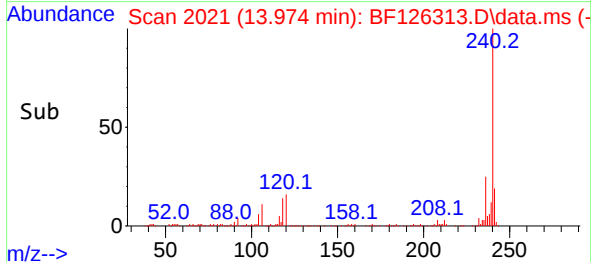
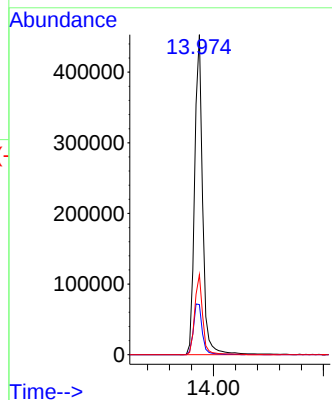
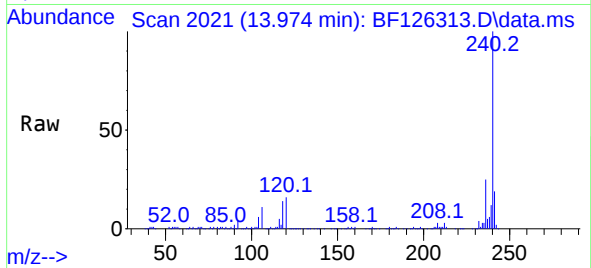




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

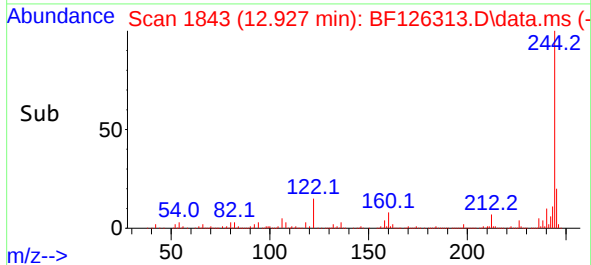
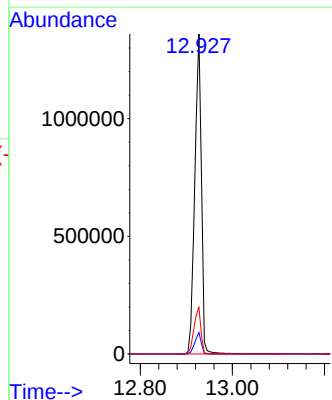
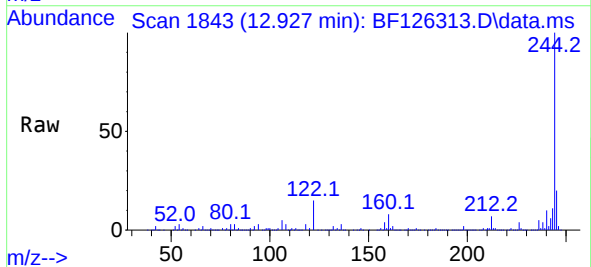
Instrument :
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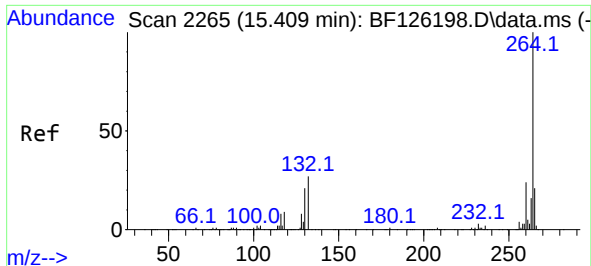
Tgt Ion:240 Resp: 455380
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 51.546 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126313.D
Acq: 21 Dec 2021 23:54

Tgt Ion:244 Resp: 1350476
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 14.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126313.D
 Acq: 21 Dec 2021 23:54

Instrument :
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Tgt Ion:264 Resp: 339397
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.2 17.2 25.8

