

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126733.D
 Acq On : 28 Jan 2022 22:55
 Operator : CG/JU
 Sample : N1303-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-6

Quant Time: Jan 29 02:31:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

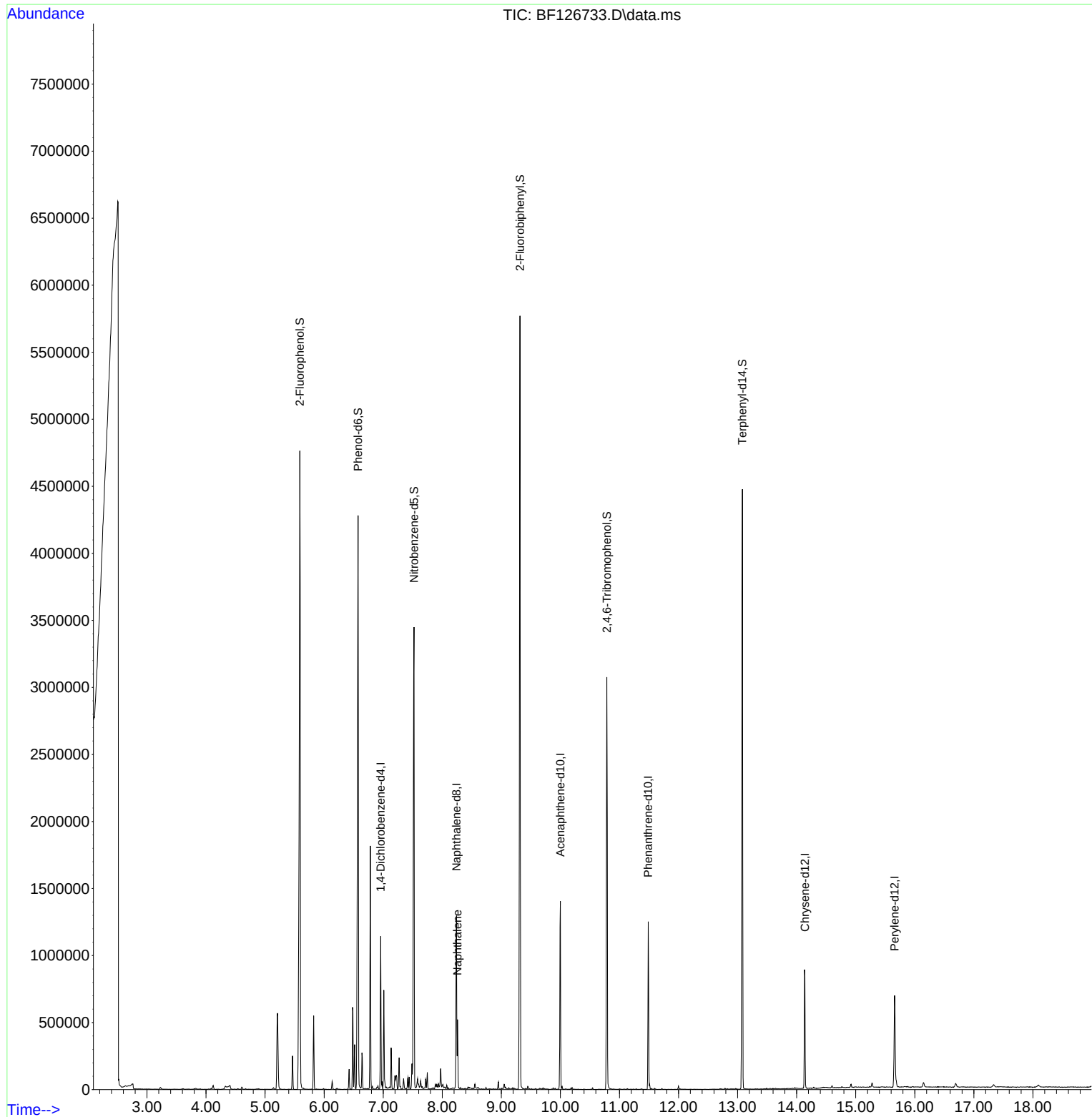
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	140295	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	531845	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	269518	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	388766	20.000	ng	0.00
76) Chrysene-d12	14.139	240	295079	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	297525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1375469	129.012	ng	0.02
7) Phenol-d6	6.575	99	1668410	112.632	ng	0.00
23) Nitrobenzene-d5	7.522	82	1407057	103.552	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	345450	136.960	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1681744	95.563	ng	0.00
79) Terphenyl-d14	13.080	244	1508658	85.754	ng	0.00
Target Compounds						
31) Naphthalene	8.257	128	187742	6.534	ng	Qvalue 98

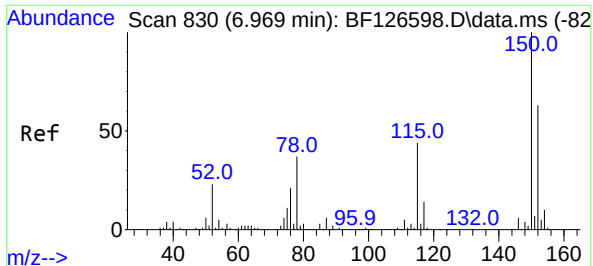
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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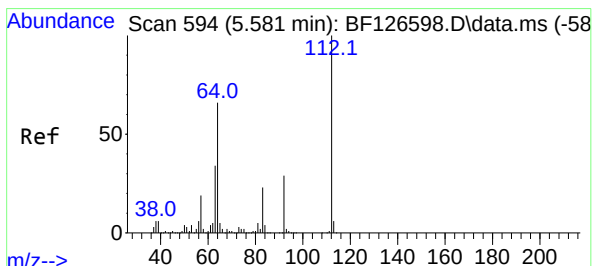
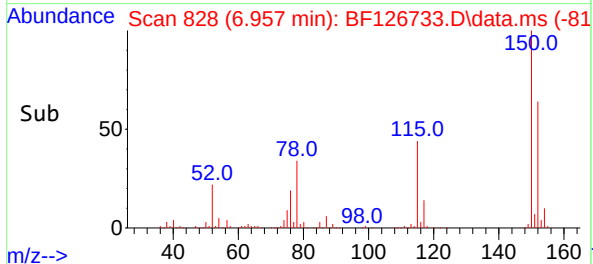
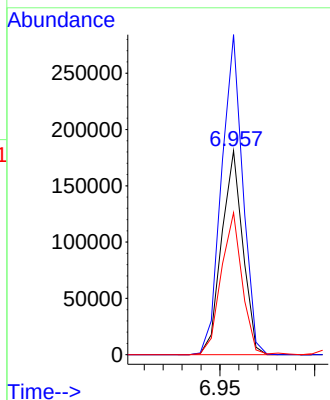
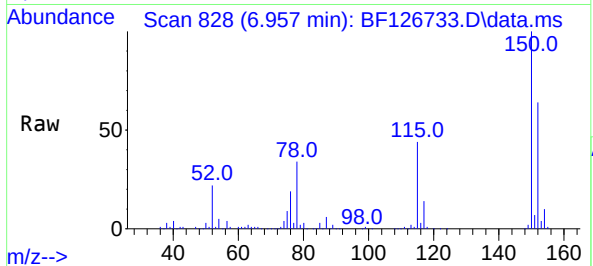




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

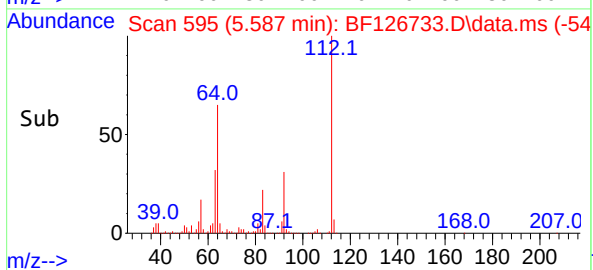
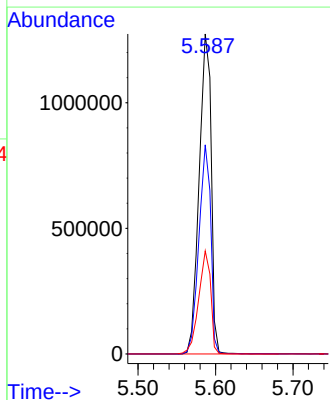
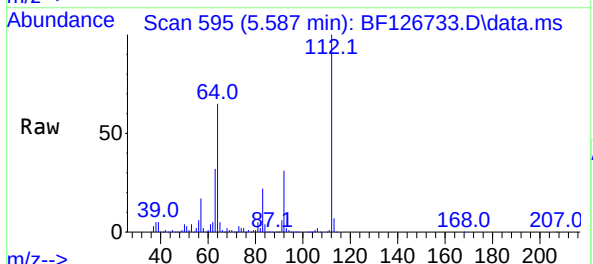
Instrument :
BNA_F
ClientSampleId :
CC-6

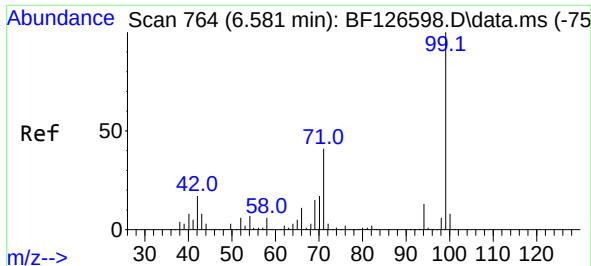
Tgt Ion:152 Resp: 140295
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 69.6 56.7 85.1



#5
2-Fluorophenol
Concen: 129.012 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion:112 Resp: 1375469
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 32.2 23.9 35.9

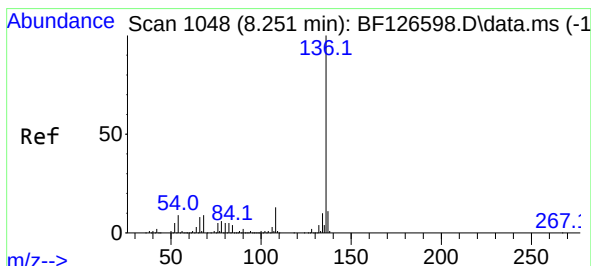
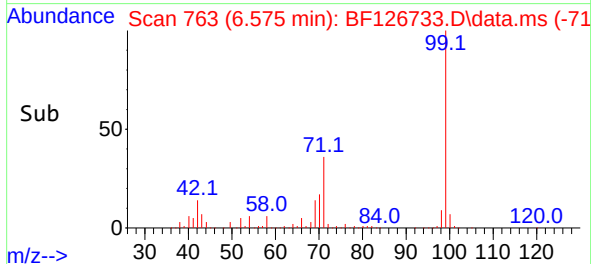
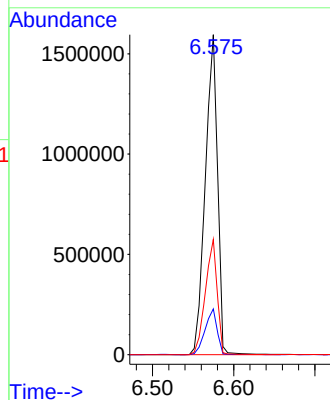
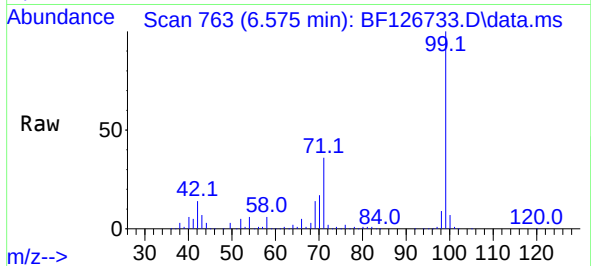




#7
Phenol-d6
Concen: 112.632 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

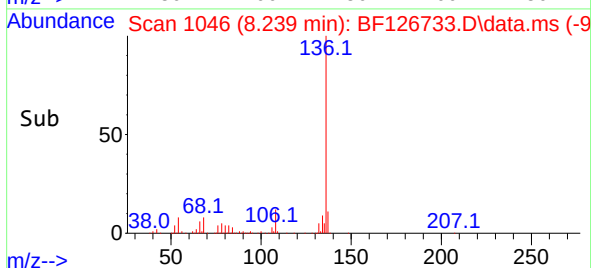
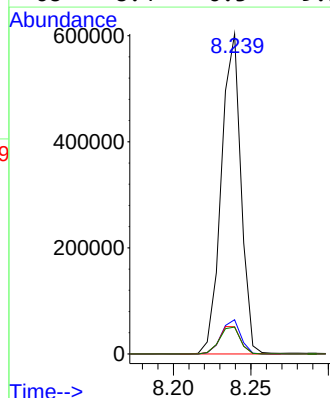
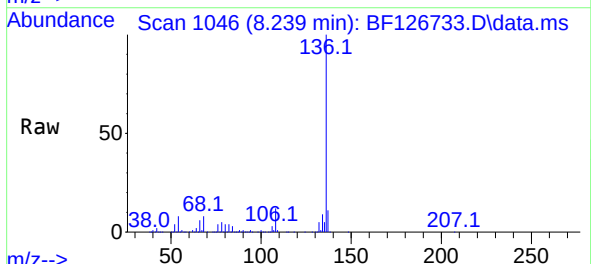
Instrument :
BNA_F
ClientSampleId :
CC-6

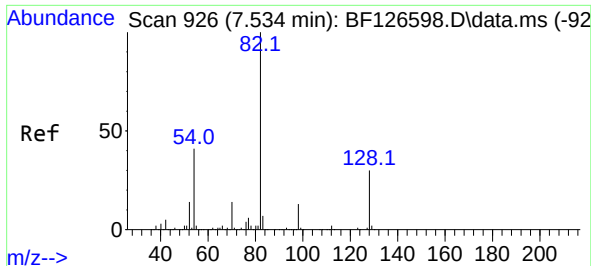
Tgt Ion: 99 Resp: 1668410
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 36.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion:136 Resp: 531845
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.8 11.6
68 8.4 6.3 9.5

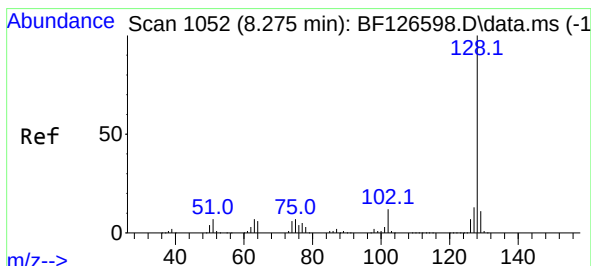
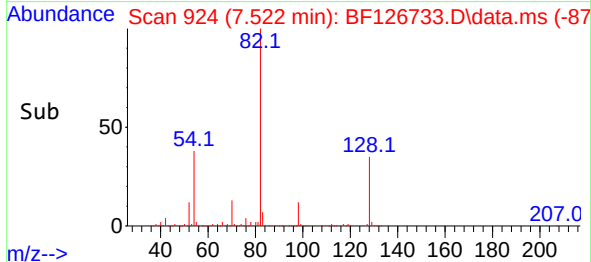
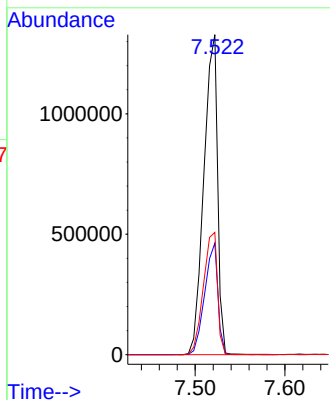
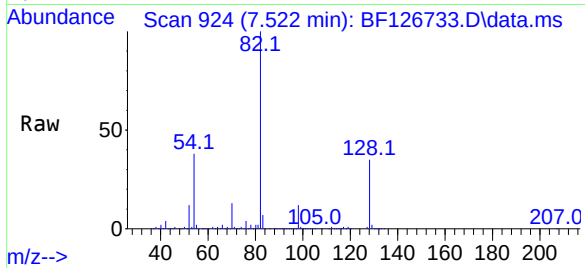




#23
Nitrobenzene-d5
Concen: 103.552 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

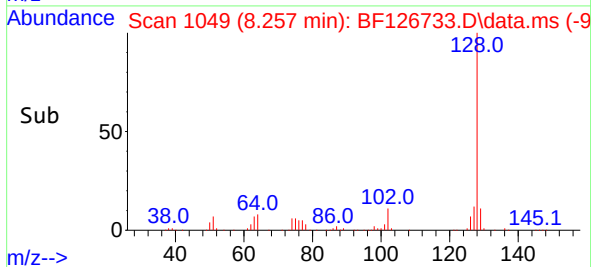
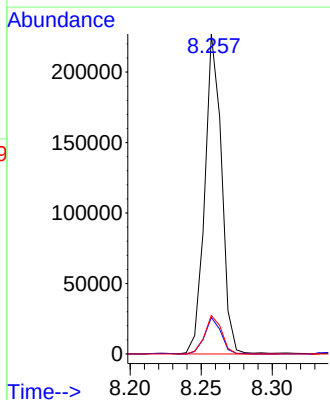
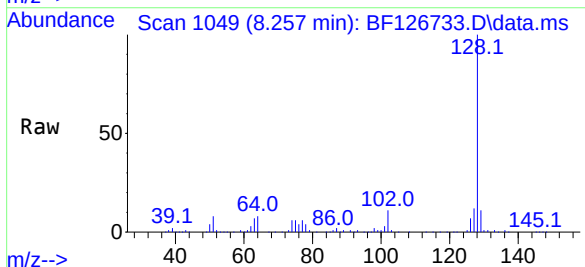
Instrument :
BNA_F
ClientSampleId :
CC-6

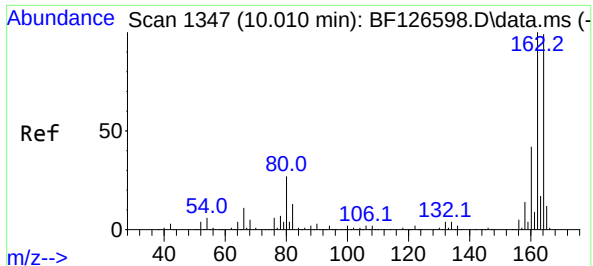
Tgt Ion: 82 Resp: 1407057
Ion Ratio Lower Upper
82 100
128 34.9 32.7 49.1
54 38.2 41.7 62.5#



#31
Naphthalene
Concen: 6.534 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion: 128 Resp: 187742
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.1 10.3 15.5

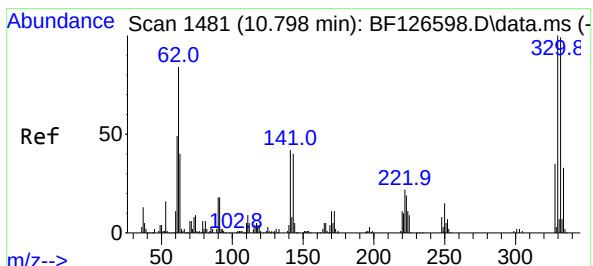
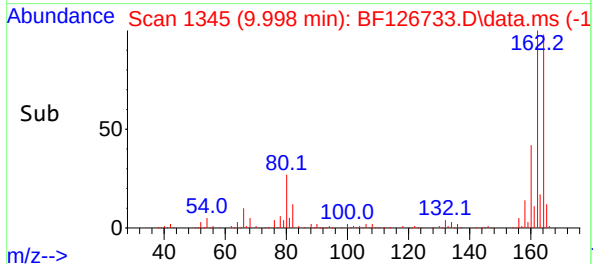
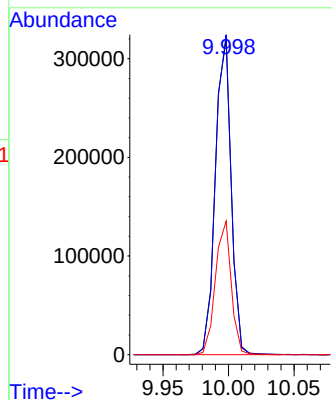
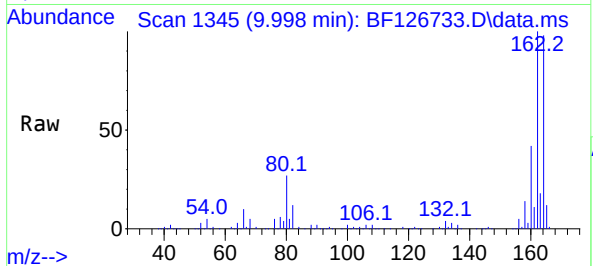




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

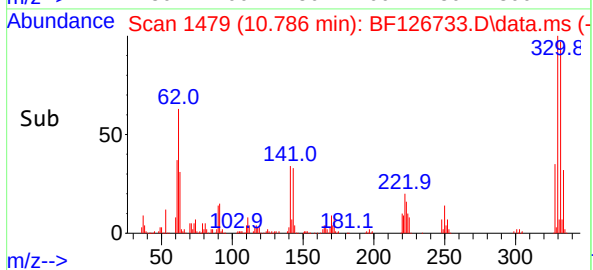
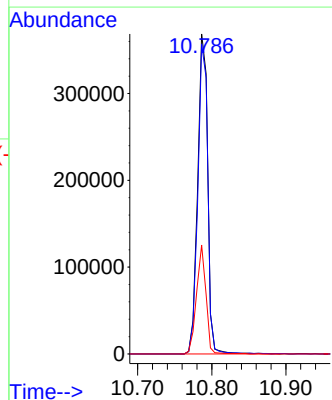
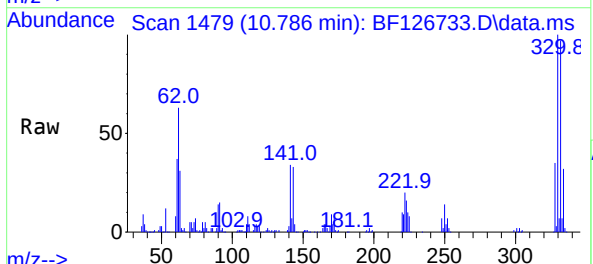
Instrument :
BNA_F
ClientSampleId :
CC-6

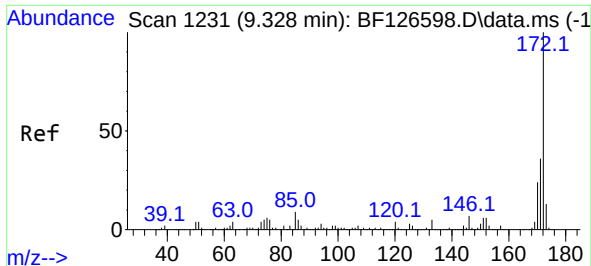
Tgt Ion:164 Resp: 269518
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 42.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.960 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion:330 Resp: 345450
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 32.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 95.563 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

Instrument :

BNA_F

ClientSampleId :

CC-6

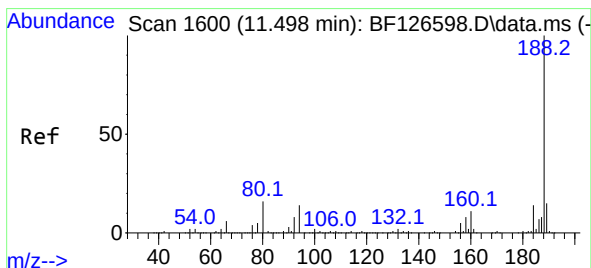
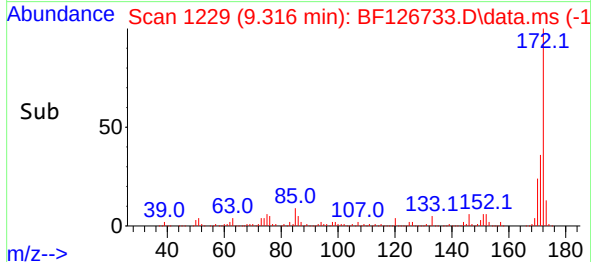
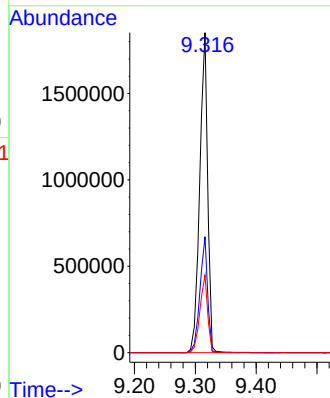
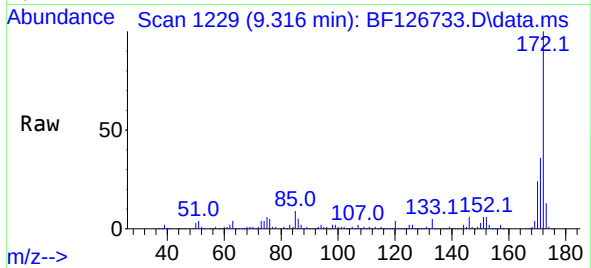
Tgt Ion:172 Resp: 1681744

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 24.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

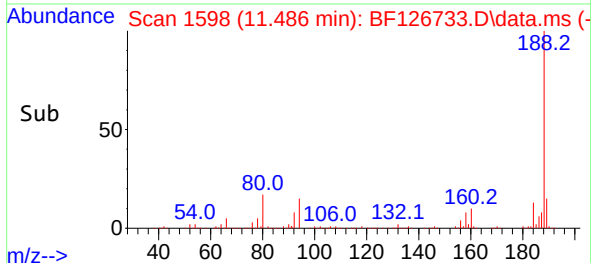
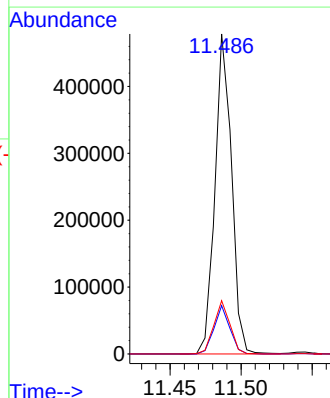
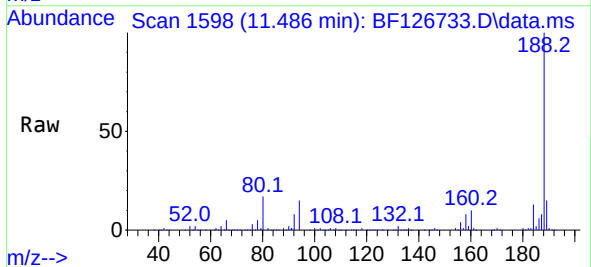
Tgt Ion:188 Resp: 388766

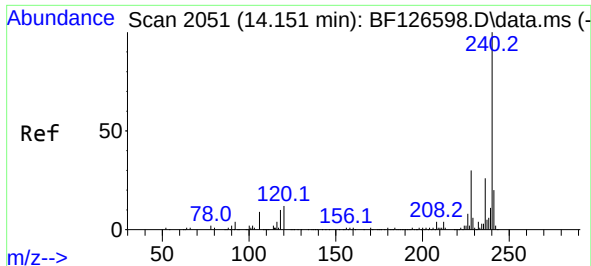
Ion Ratio Lower Upper

188 100

94 15.1 10.1 15.1

80 16.6 11.8 17.6

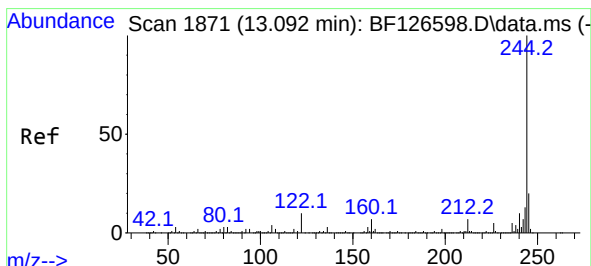
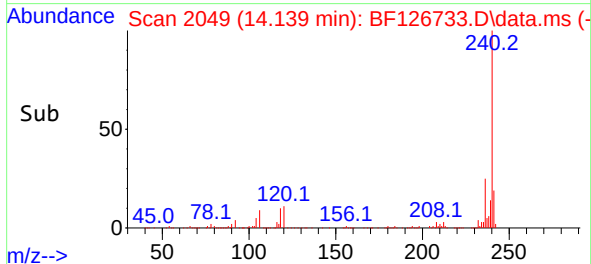
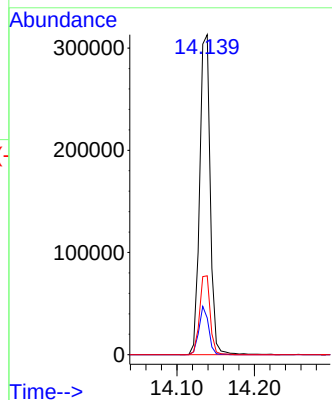
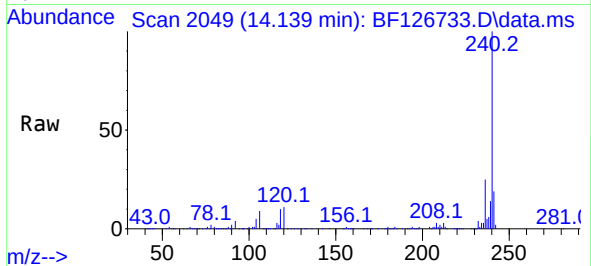




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

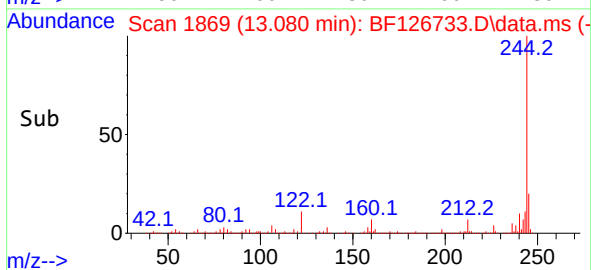
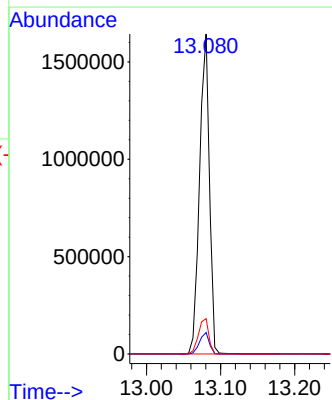
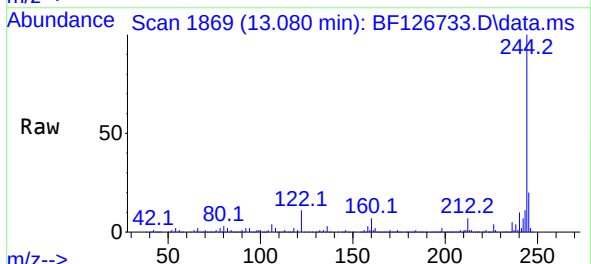
Instrument :
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CC-6

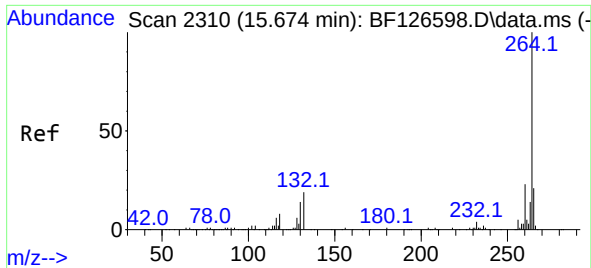
Tgt Ion:240 Resp: 295079
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 85.754 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

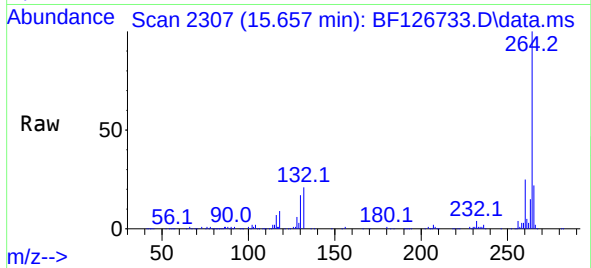
Tgt Ion:244 Resp: 1508658
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126733.D
 Acq: 28 Jan 2022 22:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 297525
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.4 17.4 26.2

