

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128490.D
 Acq On : 26 May 2022 23:54
 Operator : CG\JU
 Sample : PB145002BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145002BL

Quant Time: May 27 04:25:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	270828	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1081615	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	613888	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	1117952	20.000	ng	0.00
76) Chrysene-d12	14.004	240	889540	20.000	ng	0.00
86) Perylene-d12	15.468	264	737928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1996747	122.123	ng	0.02
7) Phenol-d6	6.469	99	2508109	120.309	ng	0.00
23) Nitrobenzene-d5	7.404	82	1715550	91.499	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	713193	122.056	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	3066679	81.159	ng	0.00
79) Terphenyl-d14	12.963	244	3391638	73.662	ng	0.00

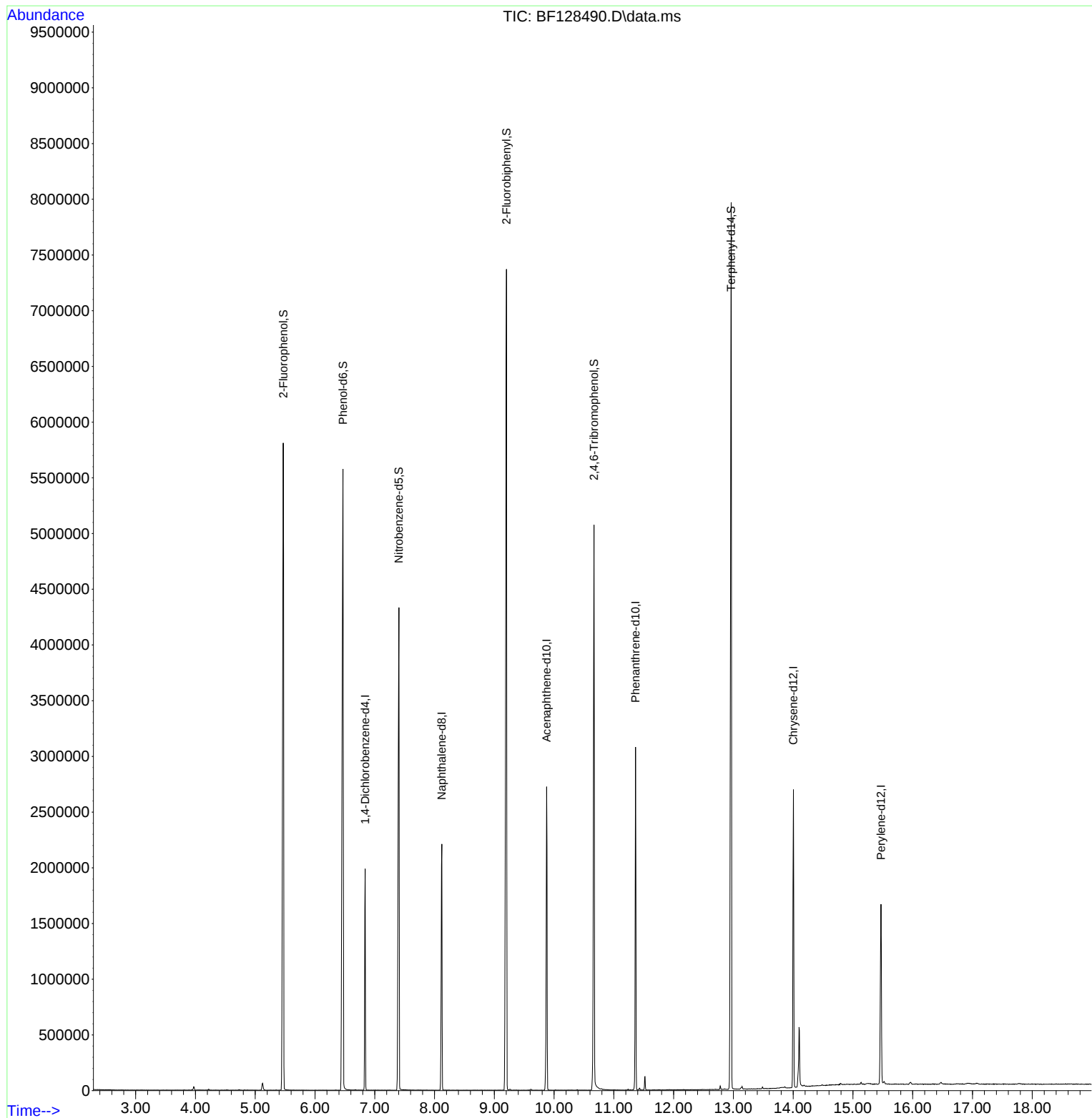
Target Compounds	Qvalue

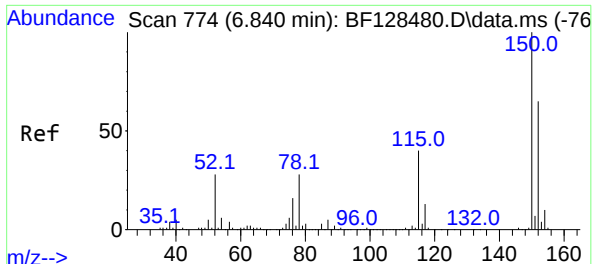
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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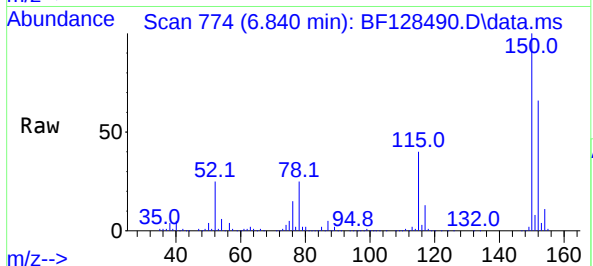
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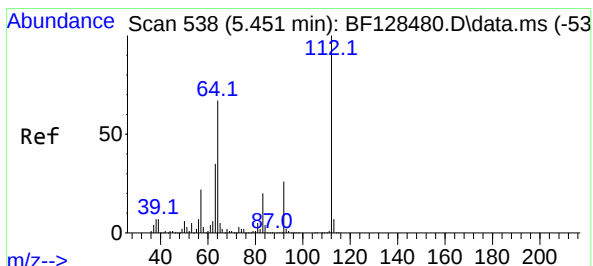
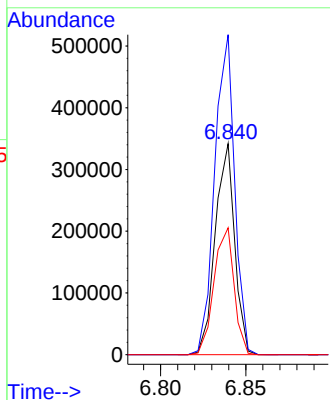
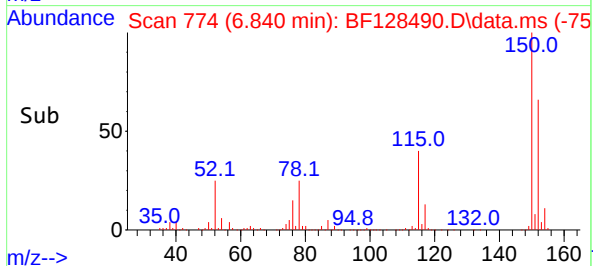


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

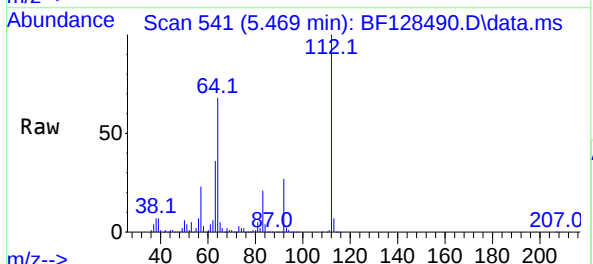
Instrument :
BNA_F
ClientSampleId :
PB145002BL



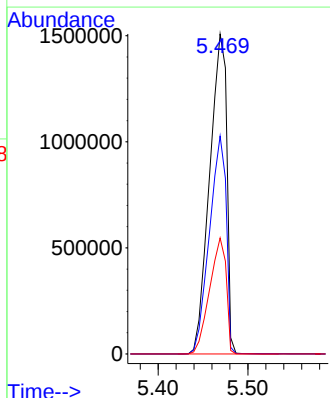
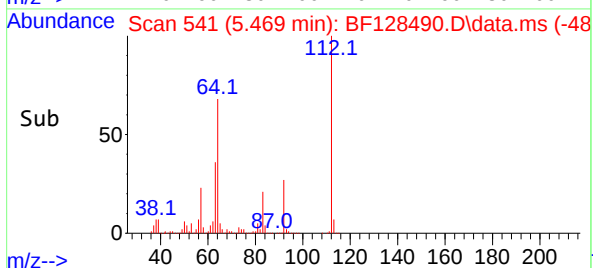
Tgt Ion:152 Resp: 270828
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 60.1 49.9 74.9

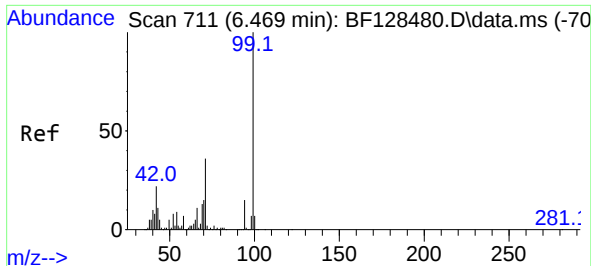


#5
2-Fluorophenol
Concen: 122.123 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54



Tgt Ion:112 Resp: 1996747
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 36.3 28.0 42.0

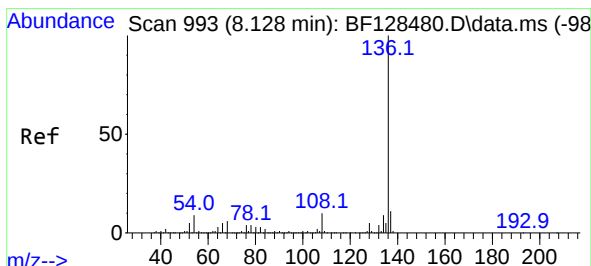
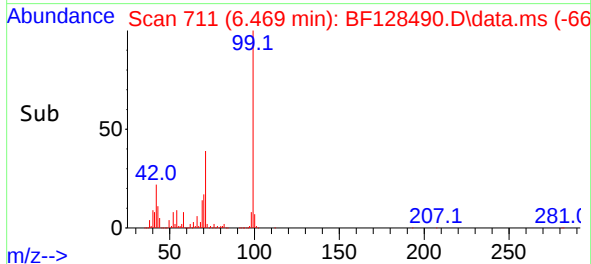
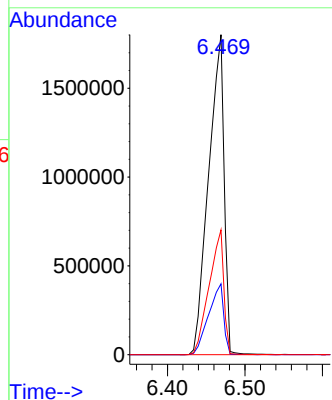
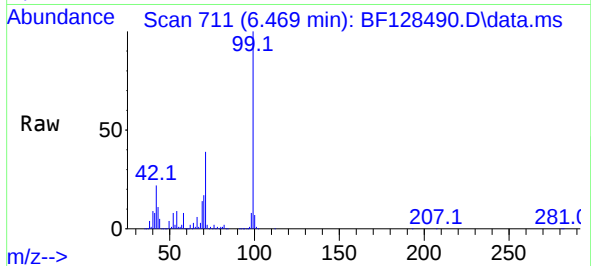




#7
Phenol-d6
Concen: 120.309 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

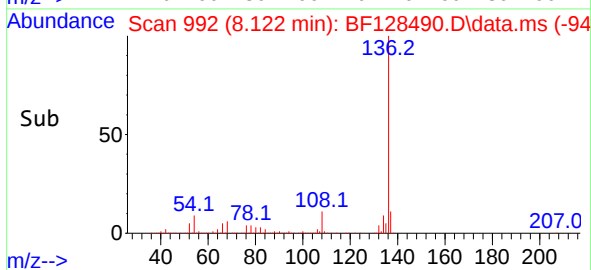
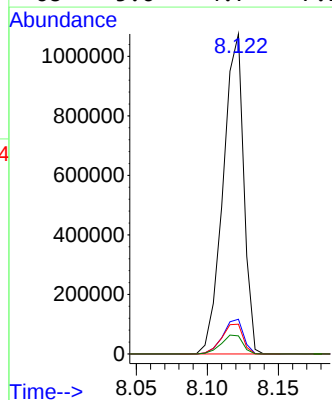
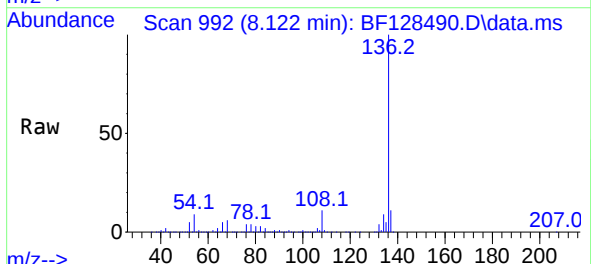
Instrument :
BNA_F
ClientSampleId :
PB145002BL

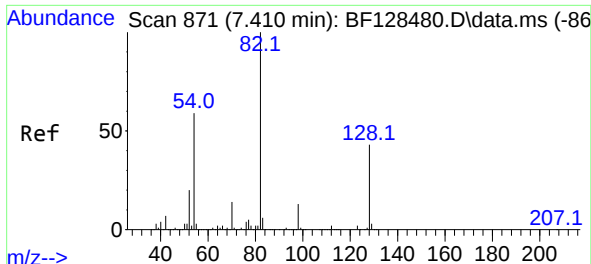
Tgt Ion: 99 Resp: 2508109
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 39.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:136 Resp: 1081615
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 91.499 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128490.D

Acq: 26 May 2022 23:54

Instrument :

BNA_F

ClientSampleId :

PB145002BL

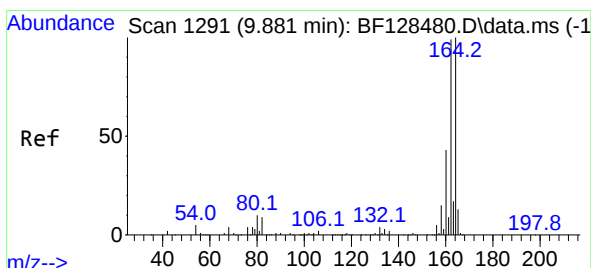
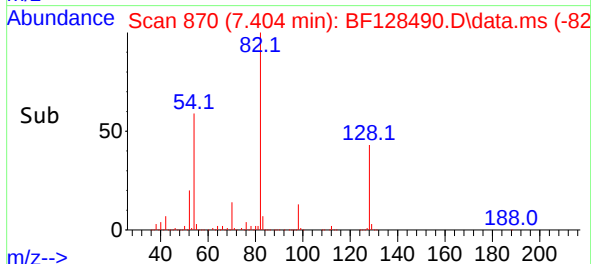
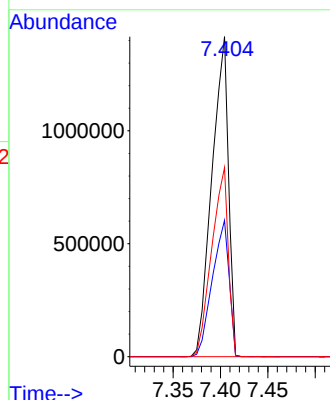
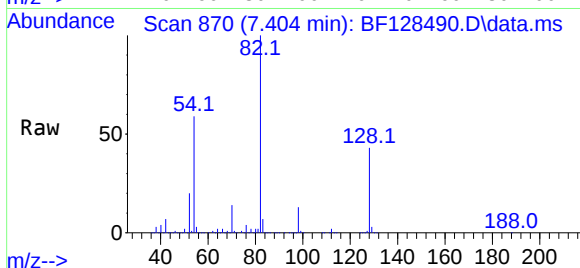
Tgt Ion: 82 Resp: 1715550

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

54 59.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF128490.D

Acq: 26 May 2022 23:54

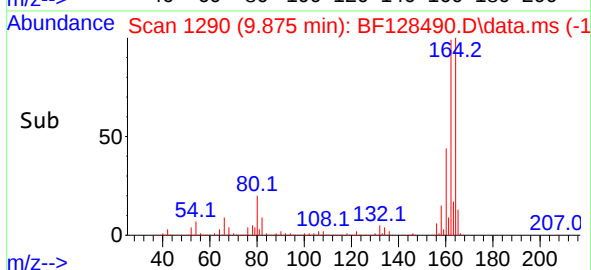
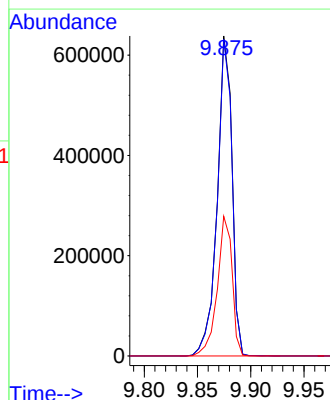
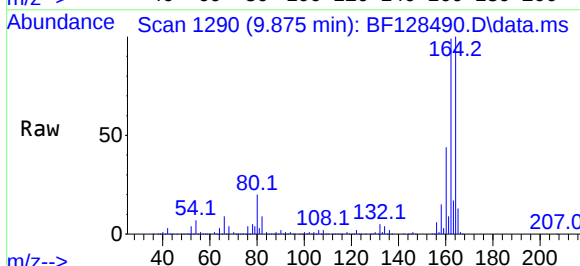
Tgt Ion:164 Resp: 613888

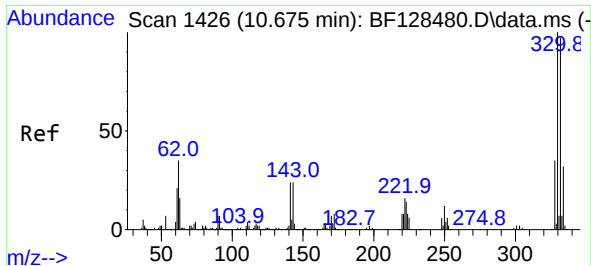
Ion Ratio Lower Upper

164 100

162 98.9 79.5 119.3

160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 122.056 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128490.D

Acq: 26 May 2022 23:54

Instrument :

BNA_F

ClientSampleId :

PB145002BL

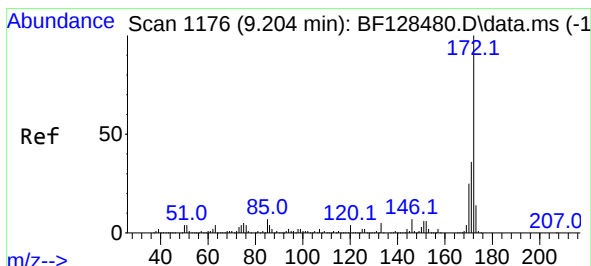
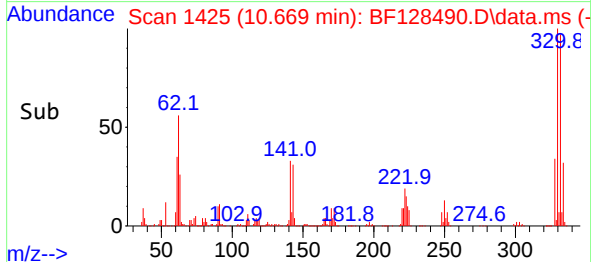
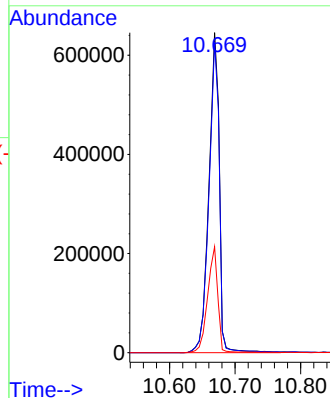
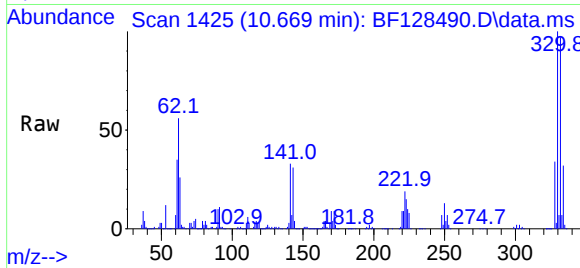
Tgt Ion:330 Resp: 713193

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 32.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.159 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128490.D

Acq: 26 May 2022 23:54

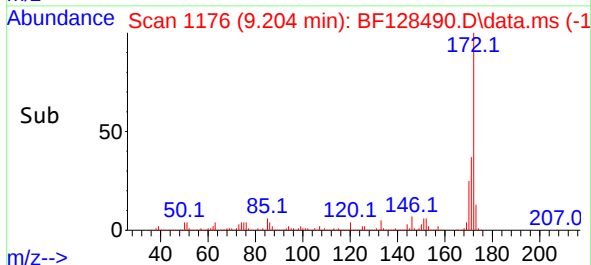
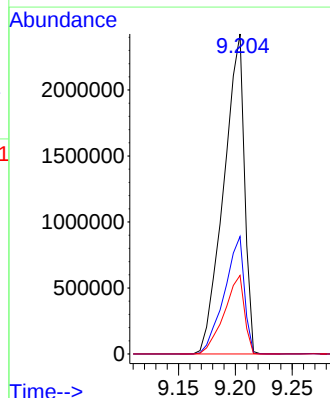
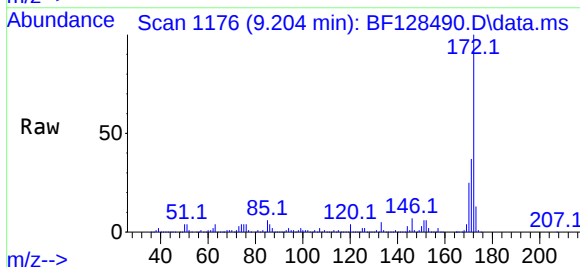
Tgt Ion:172 Resp: 3066679

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.5 19.8 29.8

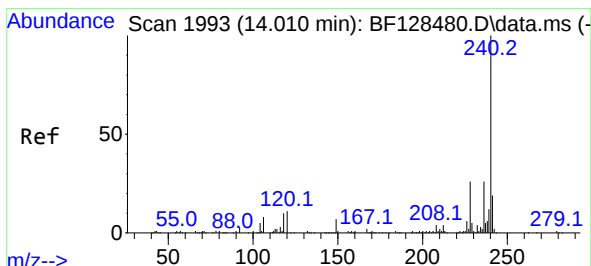
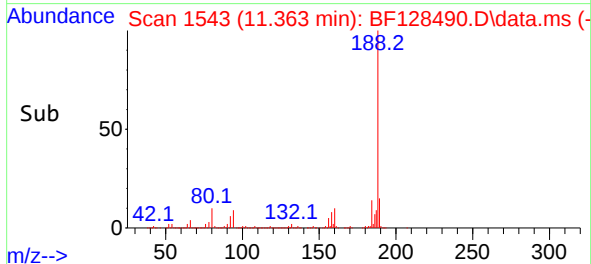
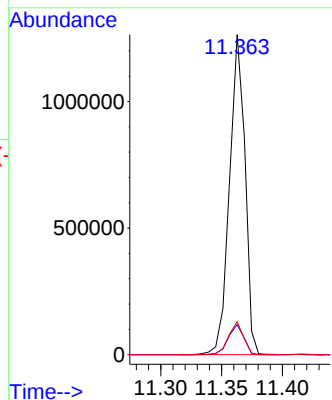
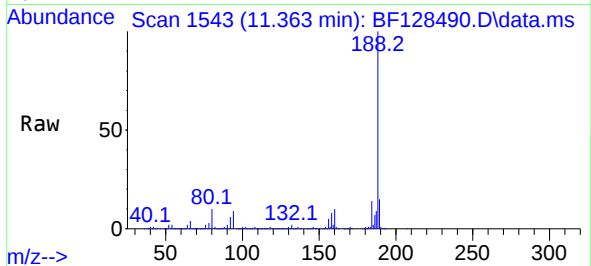




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

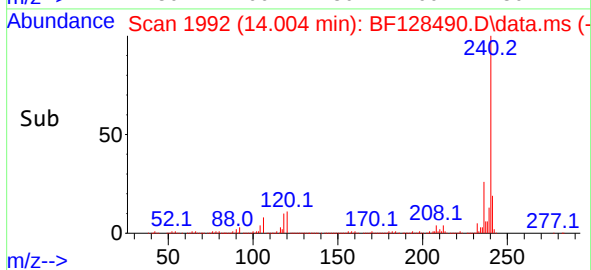
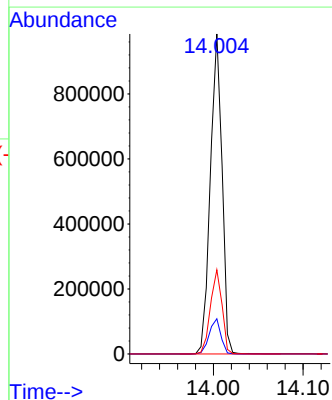
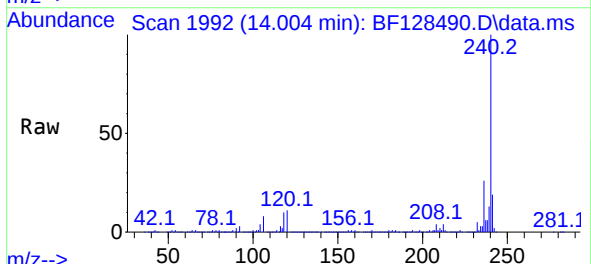
Instrument :
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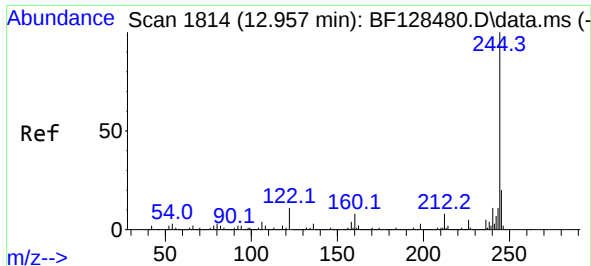
Tgt Ion:188 Resp: 1117952
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:240 Resp: 889540
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 20.8 31.2



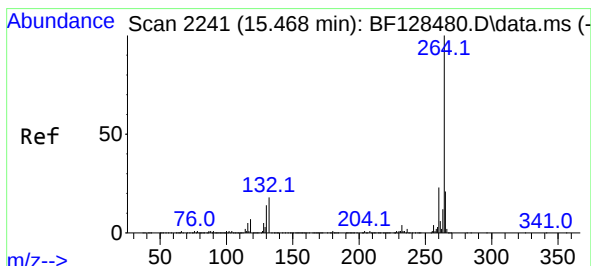
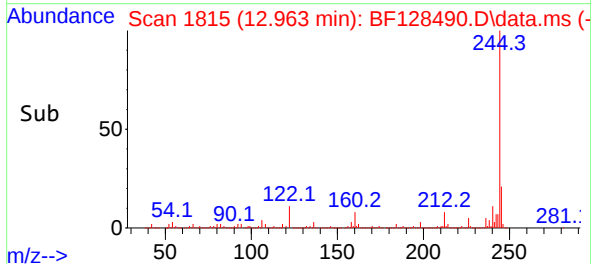
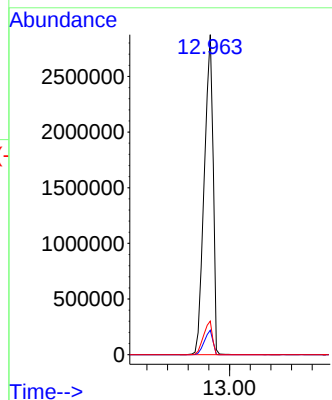
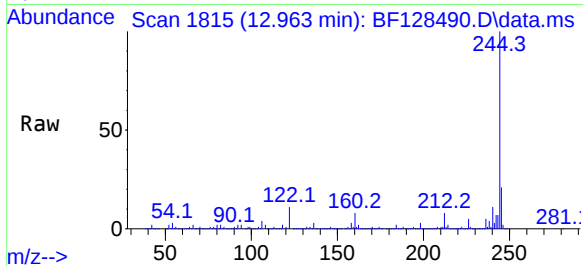


#79
 Terphenyl-d14
 Concen: 73.662 ng
 RT: 12.963 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: BF128490.D
 Acq: 26 May 2022 23:54

Instrument :
 BNA_F
 ClientSampleId :
 PB145002BL

Tgt Ion:244 Resp: 3391638

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	10.5	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128490.D
 Acq: 26 May 2022 23:54

Tgt Ion:264 Resp: 737928

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.4	17.2	25.8

