

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128519.D
 Acq On : 27 May 2022 19:57
 Operator : CG\JU
 Sample : N2922-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS004-0006-01

Quant Time: May 27 23:19:35 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	6.834	152	230277	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	885824	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	488220	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	857456	20.000	ng	0.00
76) Chrysene-d12	13.998	240	584092	20.000	ng	-0.01
86) Perylene-d12	15.463	264	456983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1346371	96.846	ng	0.00
7) Phenol-d6	6.463	99	1709966	96.468	ng	0.00
23) Nitrobenzene-d5	7.398	82	1136176	73.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	462564	99.540	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2045734	68.076	ng	0.00
79) Terphenyl-d14	12.957	244	2016178	66.688	ng	0.00

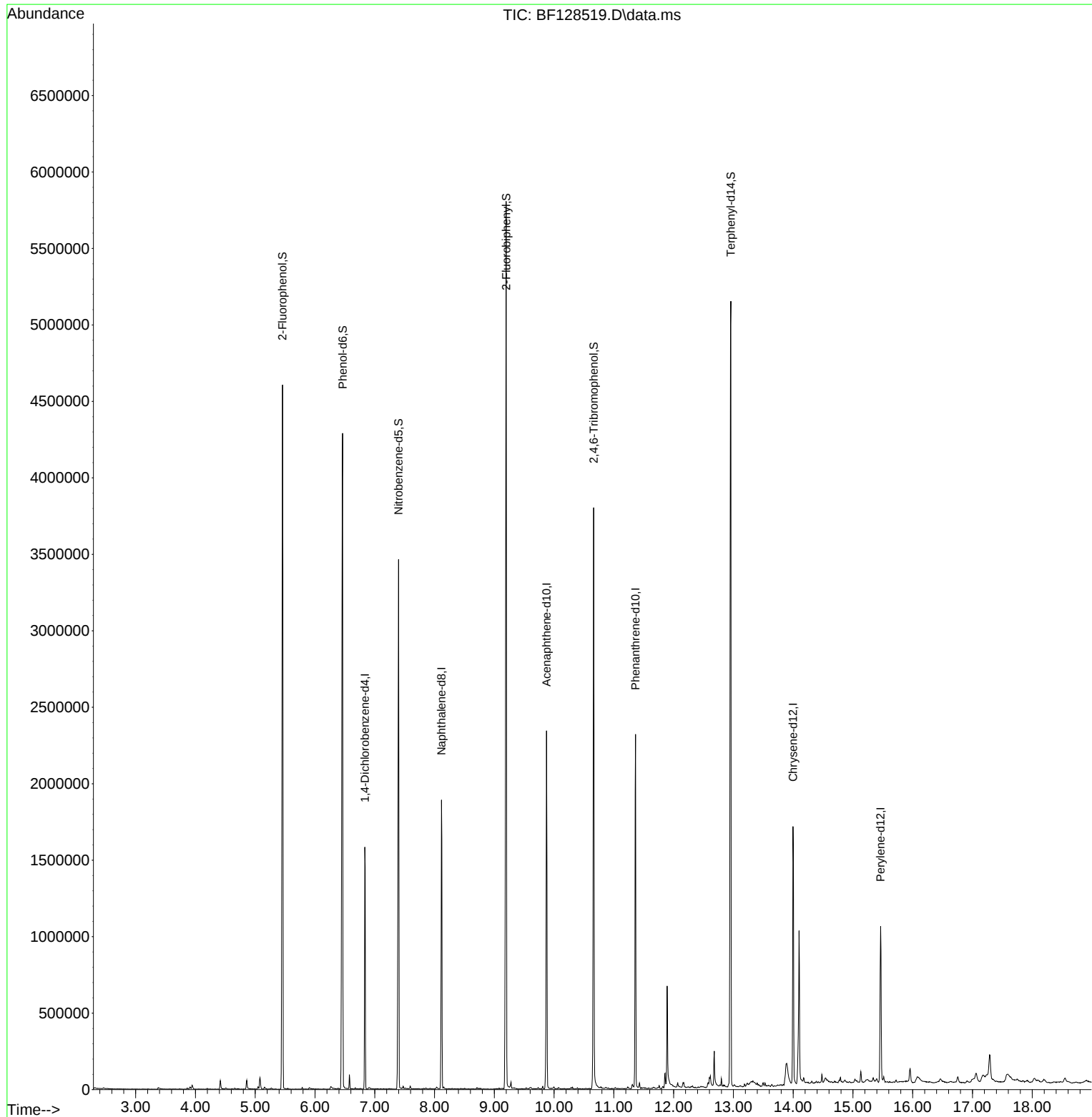
Target Compounds	Qvalue

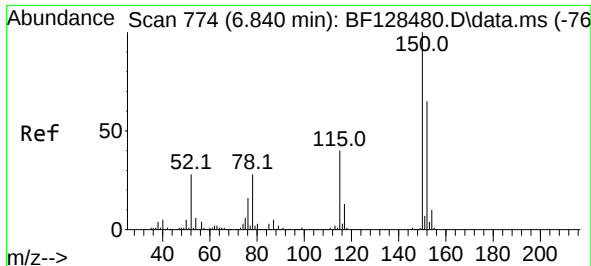
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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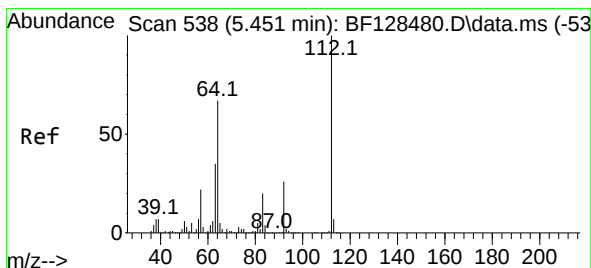
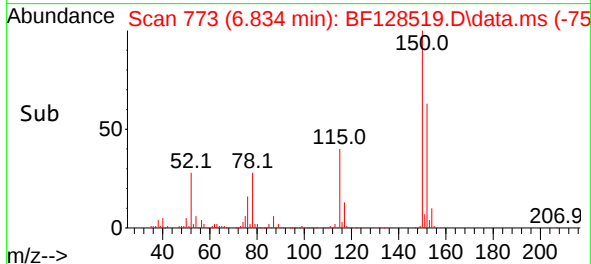
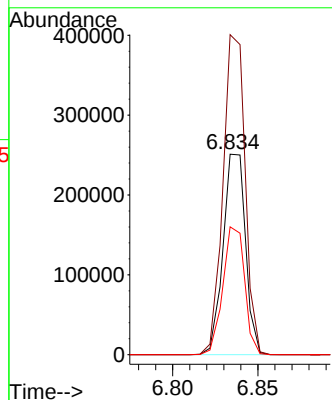
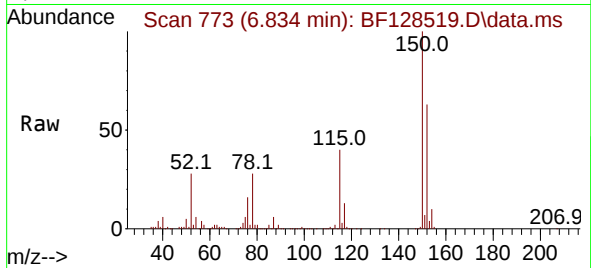




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

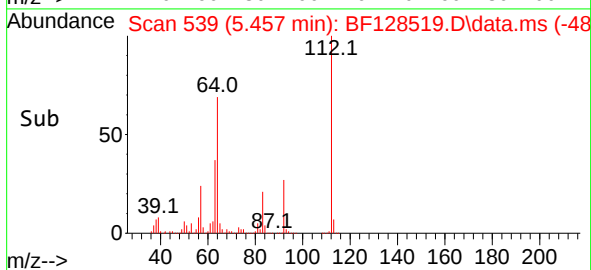
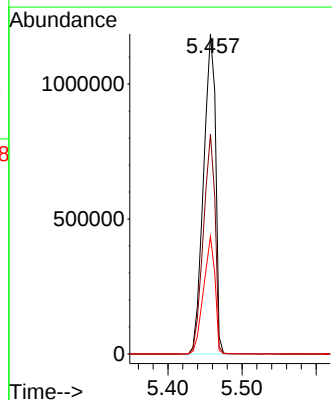
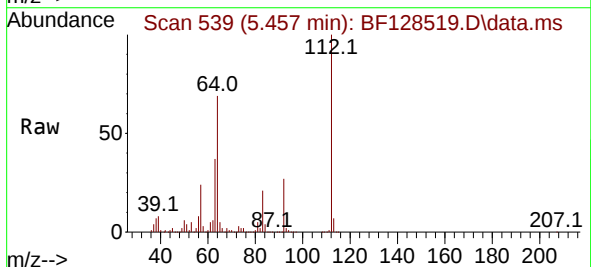
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

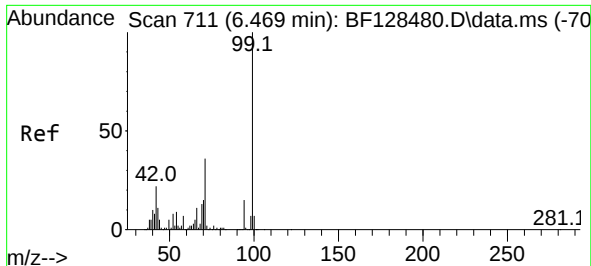
Tgt Ion:152 Resp: 230277
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 96.846 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:112 Resp: 1346371
Ion Ratio Lower Upper
112 100
64 68.7 53.3 79.9
63 36.7 28.0 42.0

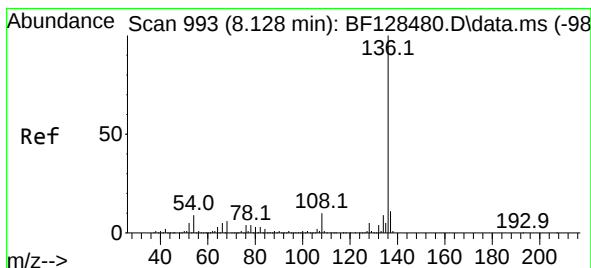
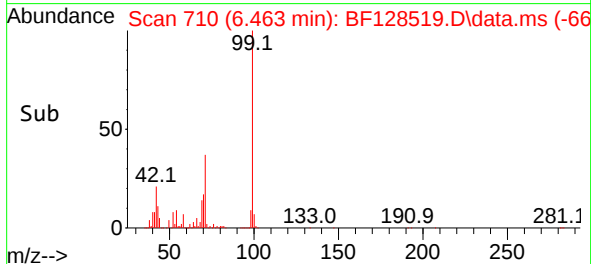
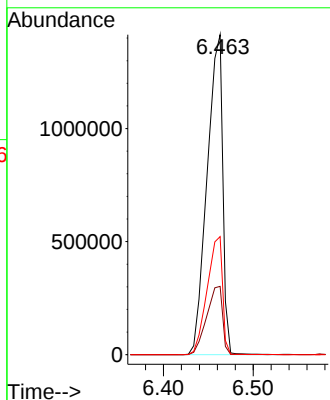
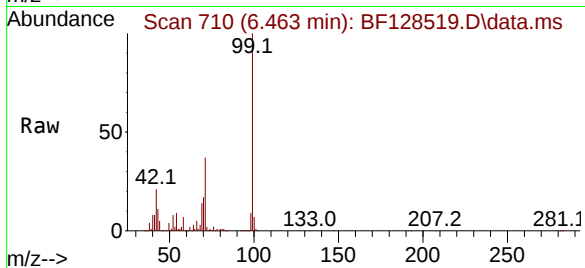




#7
Phenol-d6
Concen: 96.468 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

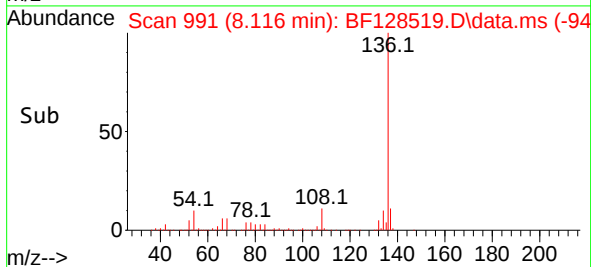
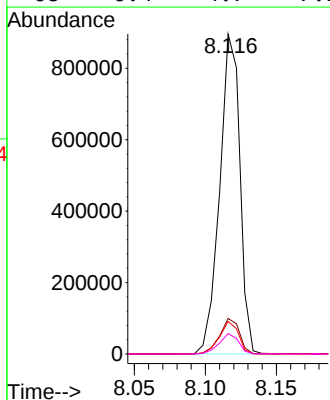
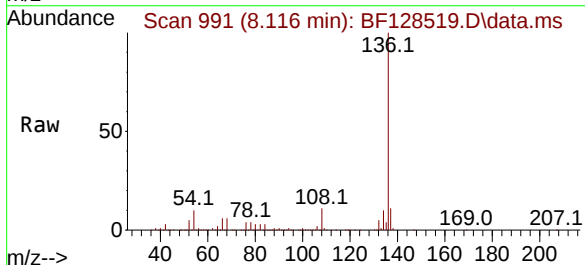
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

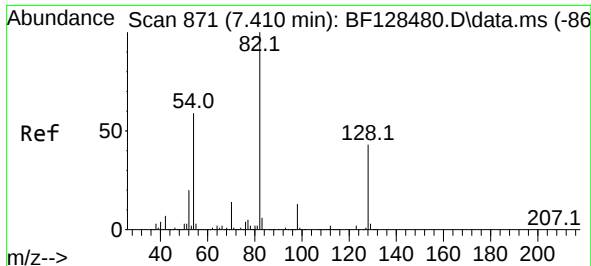
Tgt Ion: 99 Resp: 1709966
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 36.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion: 136 Resp: 885824
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.5 11.3
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 73.992 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128519.D

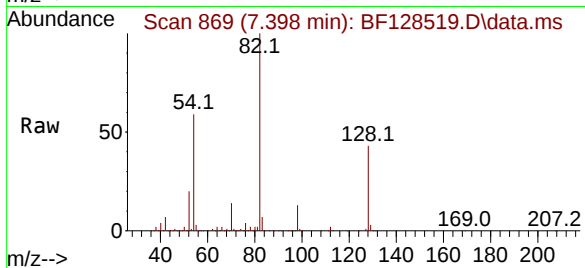
Acq: 27 May 2022 19:57

Instrument :

BNA_F

ClientSampleId :

P024-SS004-0006-01



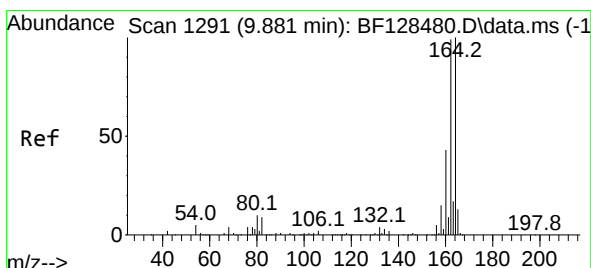
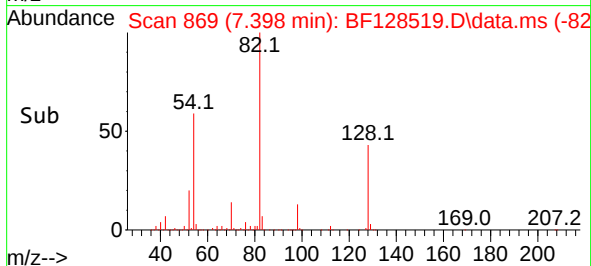
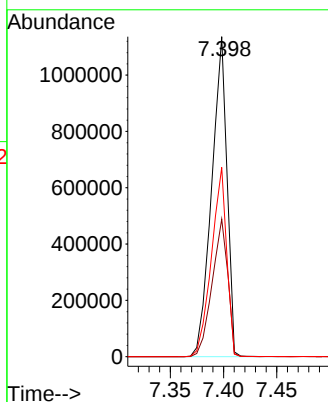
Tgt Ion: 82 Resp: 1136176

Ion Ratio Lower Upper

82 100

128 43.0 34.0 51.0

54 59.2 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: BF128519.D

Acq: 27 May 2022 19:57

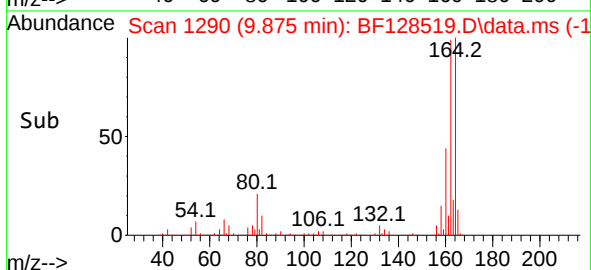
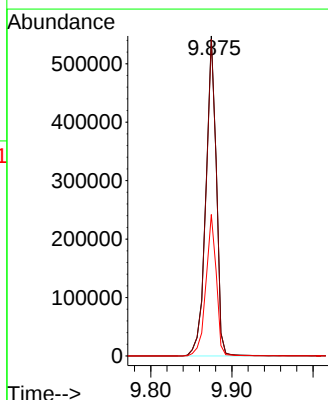
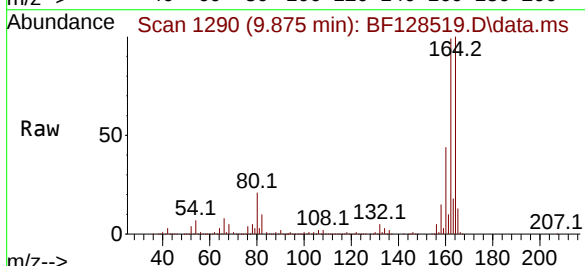
Tgt Ion:164 Resp: 488220

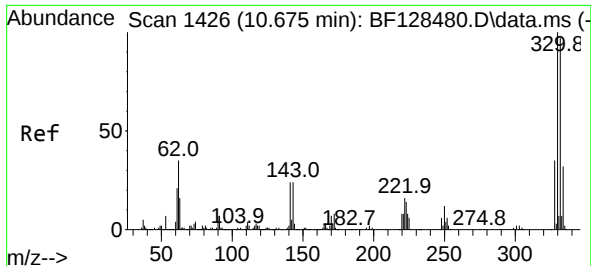
Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 99.540 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128519.D

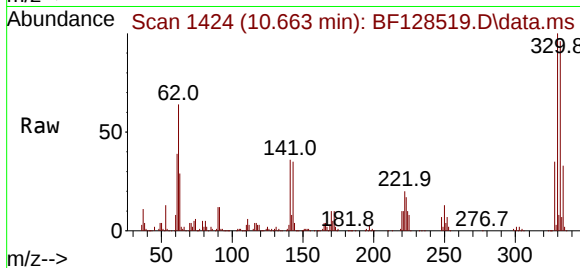
Acq: 27 May 2022 19:57

Instrument :

BNA_F

ClientSampleId :

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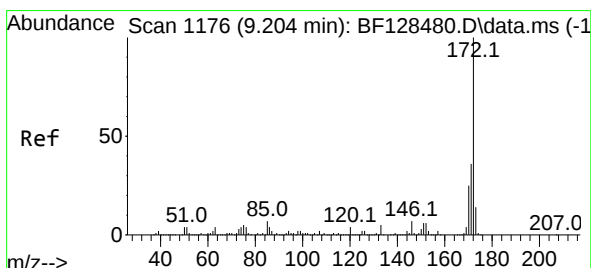
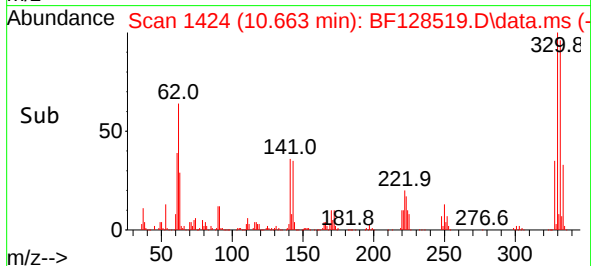
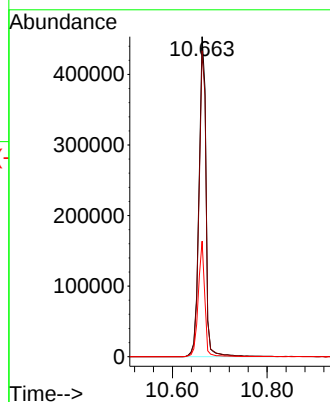
Tgt Ion:330 Resp: 462564

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 33.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.076 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128519.D

Acq: 27 May 2022 19:57

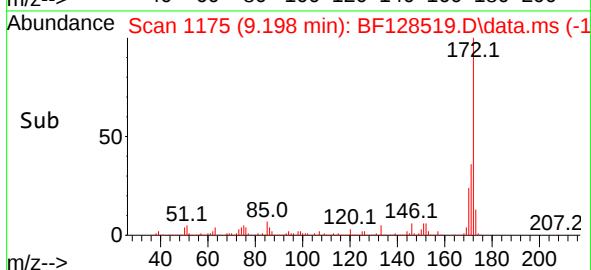
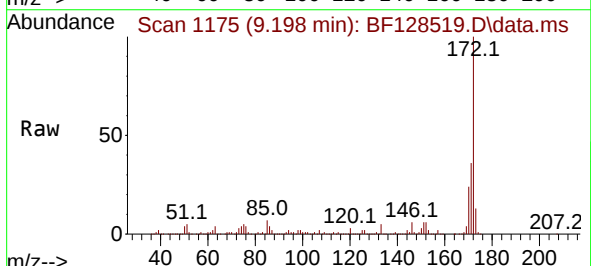
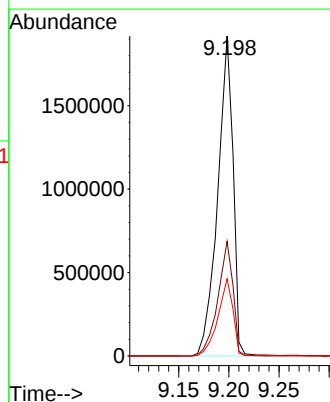
Tgt Ion:172 Resp: 2045734

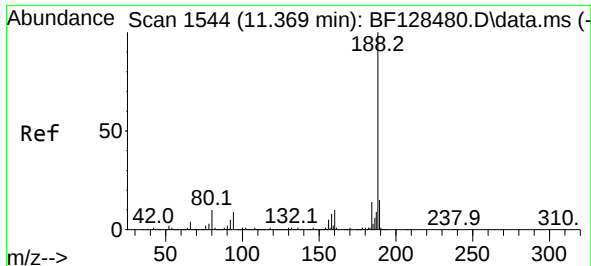
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.1 19.8 29.8

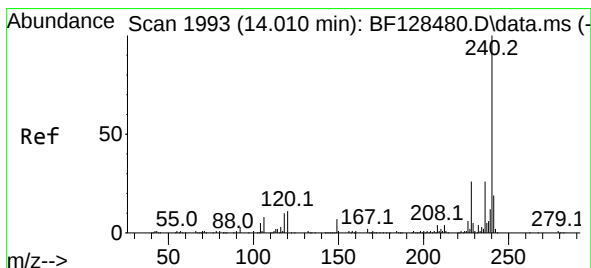
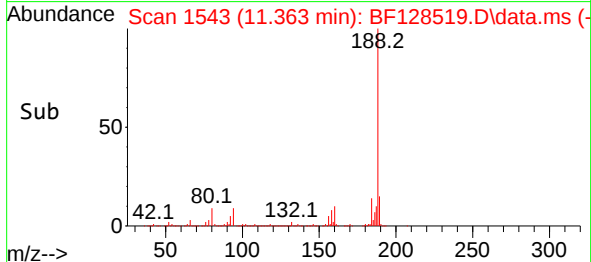
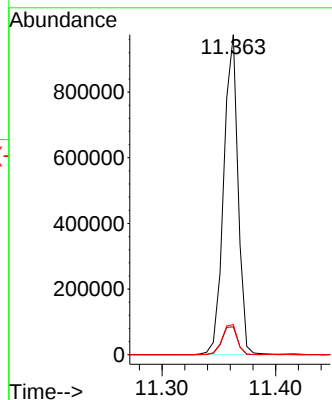
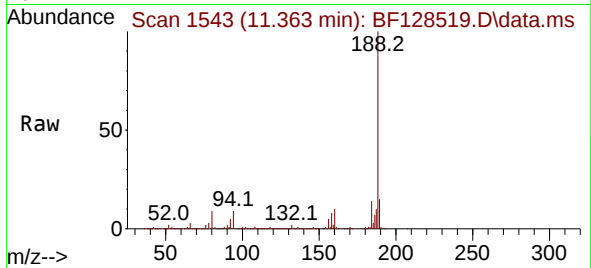




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

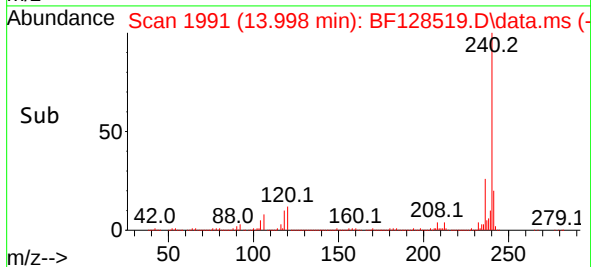
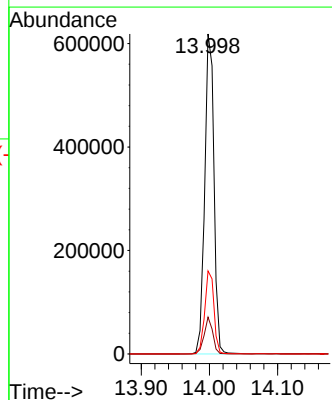
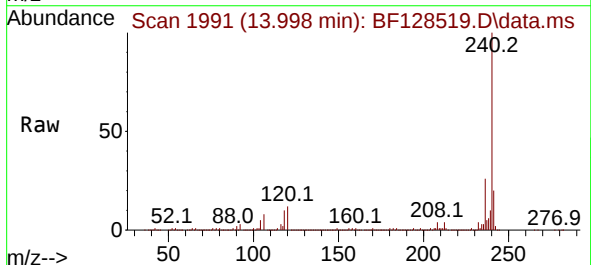
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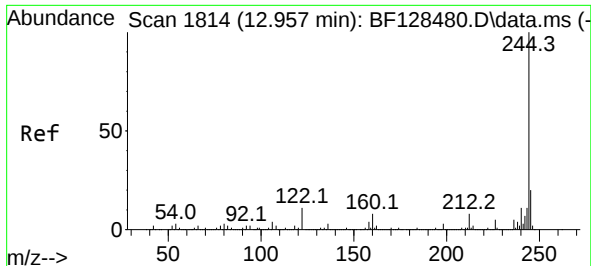
Tgt Ion:188 Resp: 857456
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

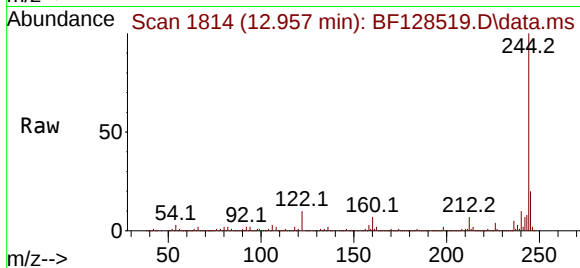
Tgt Ion:240 Resp: 584092
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.0 20.8 31.2





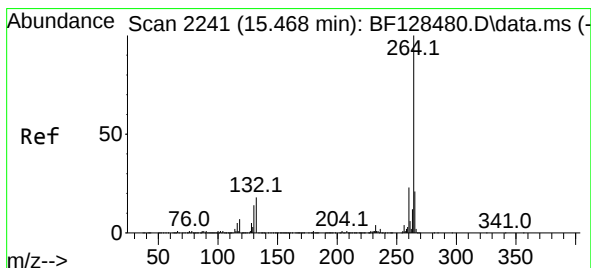
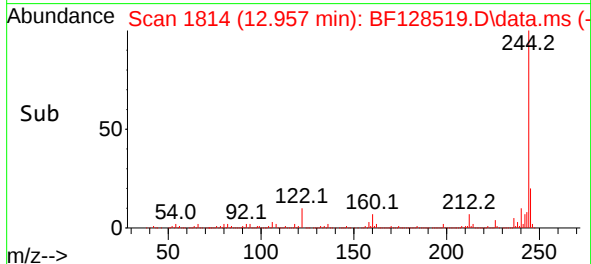
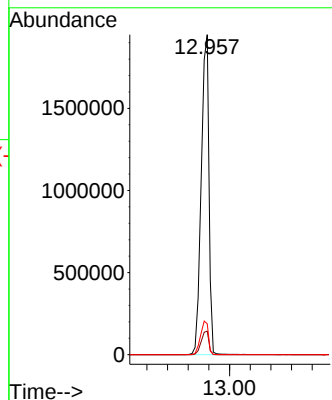
#79
 Terphenyl-d14
 Concen: 66.688 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128519.D
 Acq: 27 May 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS004-0006-01



Tgt Ion:244 Resp: 2016178

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	9.7	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128519.D
 Acq: 27 May 2022 19:57

Tgt Ion:264 Resp: 456983

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.5	17.2	25.8

