

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128503.D
 Acq On : 27 May 2022 11:39
 Operator : CG\JU
 Sample : N2954-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220518

Quant Time: May 27 23:17:43 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)

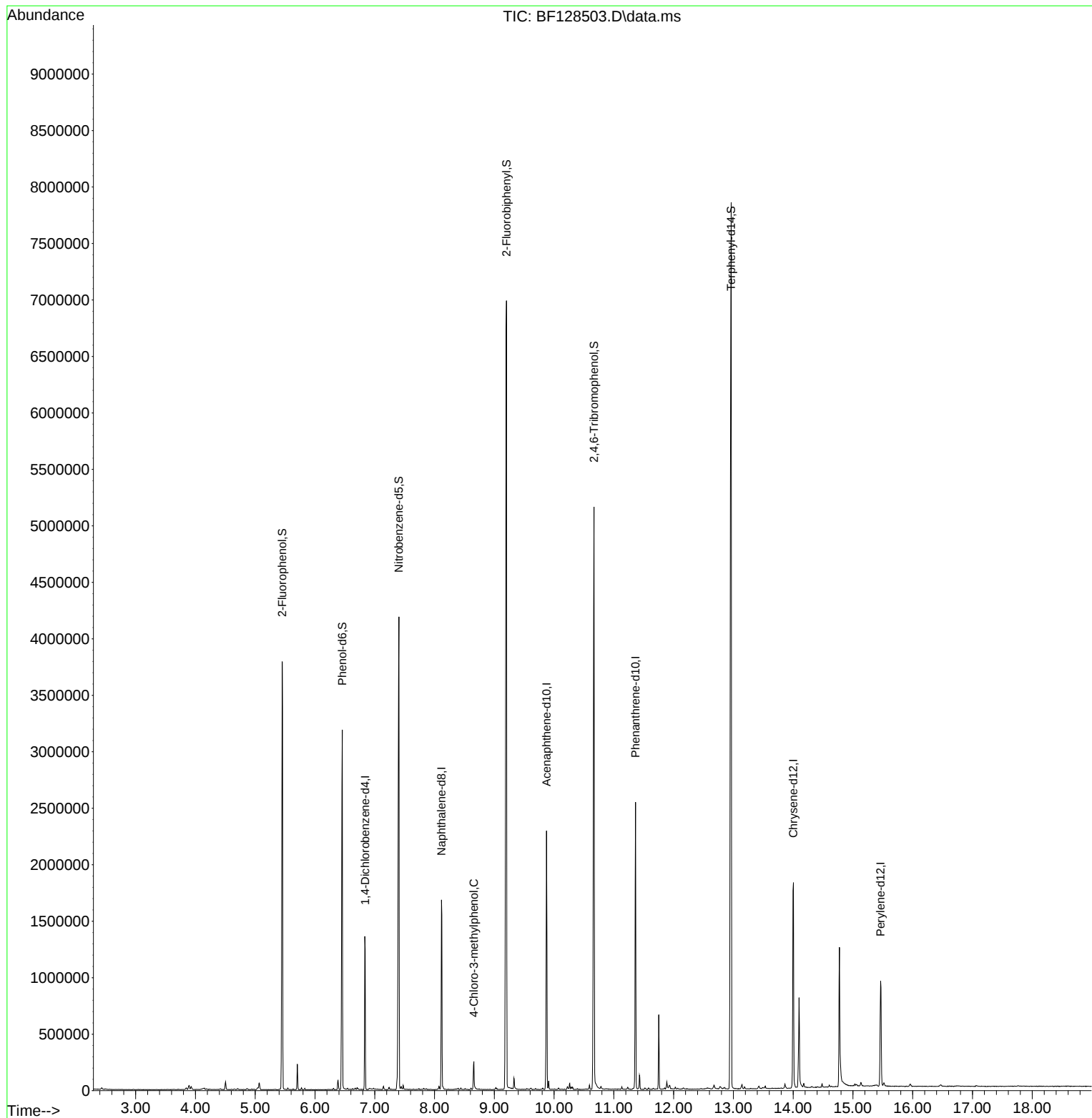
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	197002	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	769000	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	441887	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	876105	20.000	ng	0.00
76) Chrysene-d12	14.004	240	654233	20.000	ng	0.00
86) Perylene-d12	15.462	264	429794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1080641	90.861	ng	0.00
7) Phenol-d6	6.457	99	1072300	70.712	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1522113	114.184	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	699359	166.276	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2757649	101.388	ng	0.00
79) Terphenyl-d14	12.963	244	3387003	100.019	ng	0.00
Target Compounds						
36) 4-Chloro-3-methylphenol	8.657	107	53284	4.578	ng	Qvalue 90

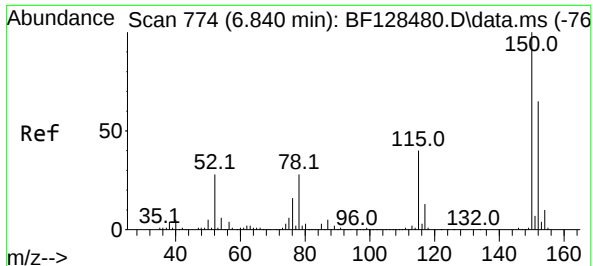
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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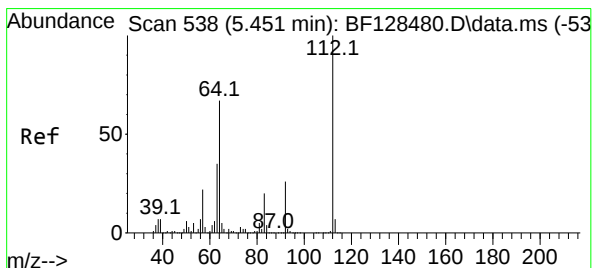
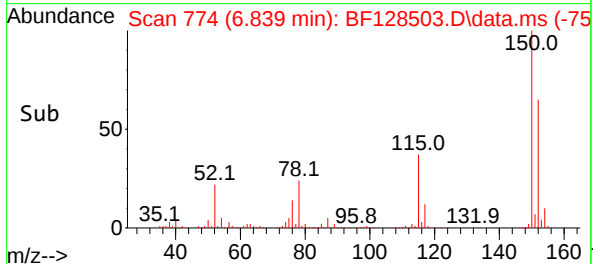
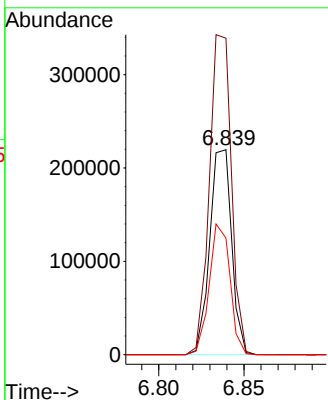
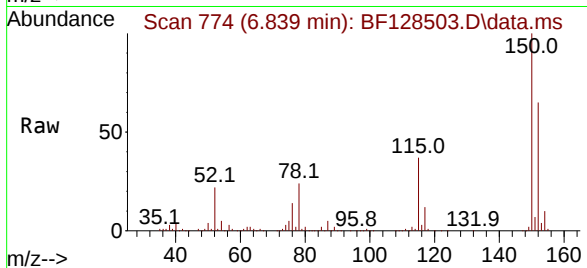




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

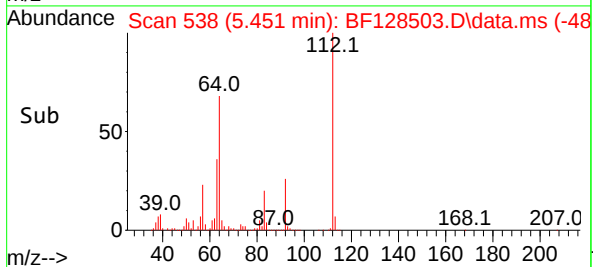
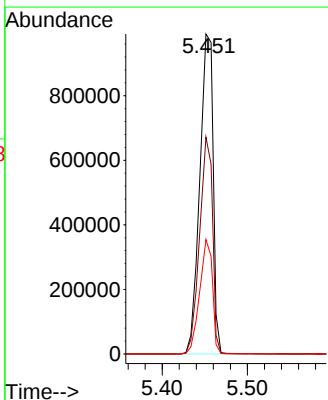
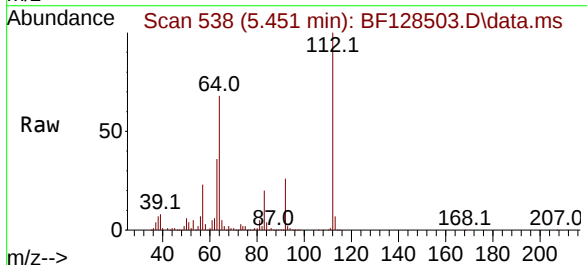
Instrument :
BNA_F
ClientSampleId :
RB-220518

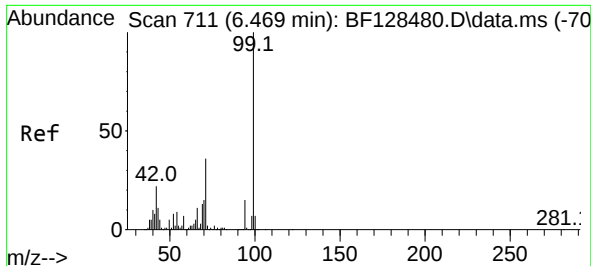
Tgt Ion:152 Resp: 197002
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 56.9 49.9 74.9



#5
2-Fluorophenol
Concen: 90.861 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:112 Resp: 1080641
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 35.7 28.0 42.0

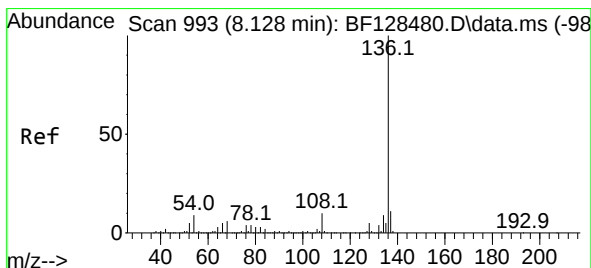
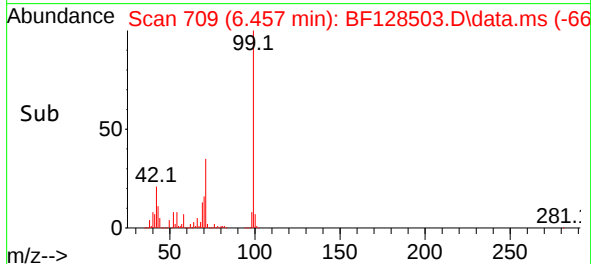
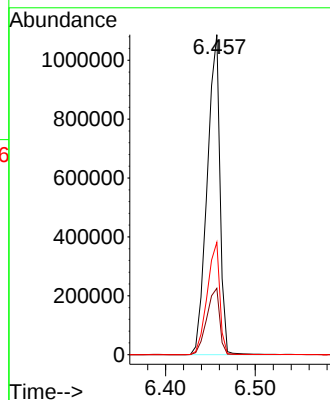
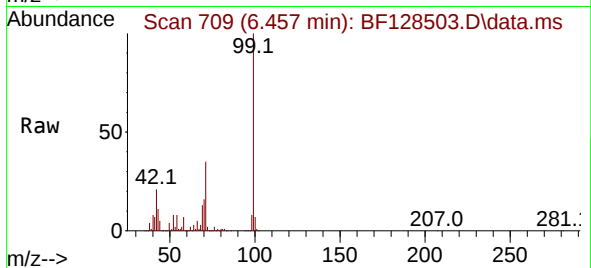




#7
Phenol-d6
Concen: 70.712 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

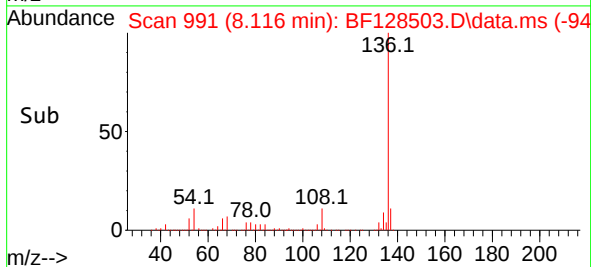
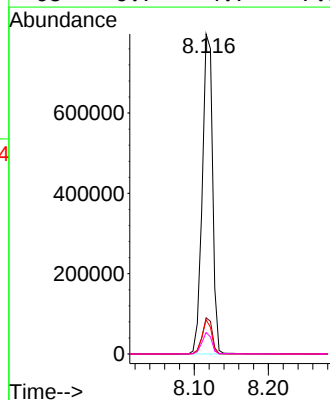
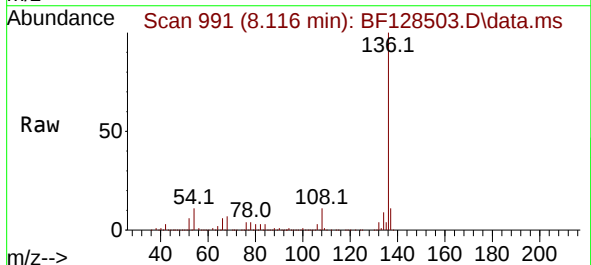
Instrument :
BNA_F
ClientSampleId :
RB-220518

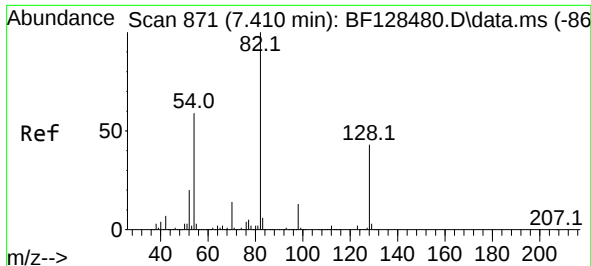
Tgt Ion: 99 Resp: 1072300
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 35.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion: 136 Resp: 769000
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.6 7.5 11.3
68 6.7 4.7 7.1

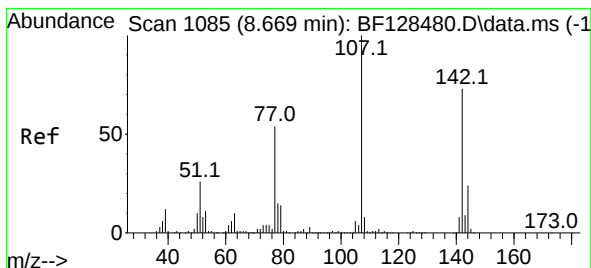
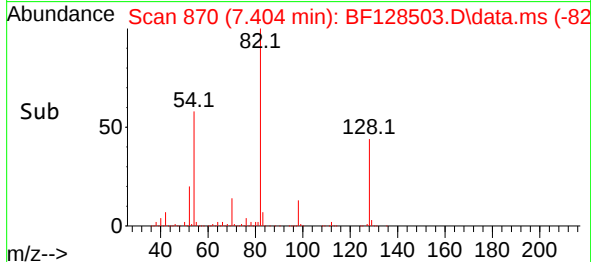
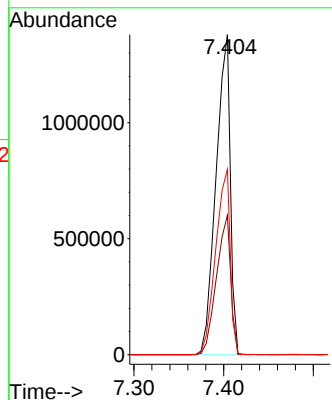
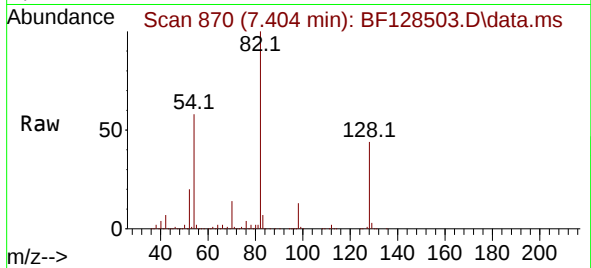




#23
Nitrobenzene-d5
Concen: 114.184 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

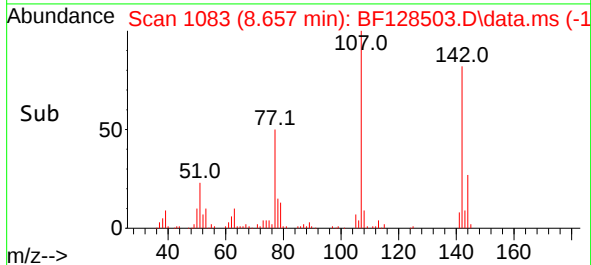
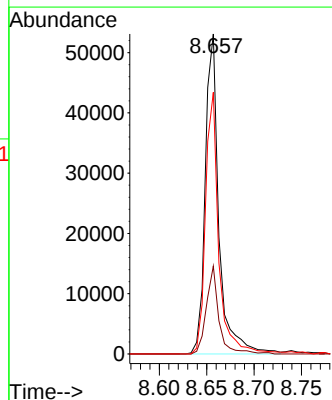
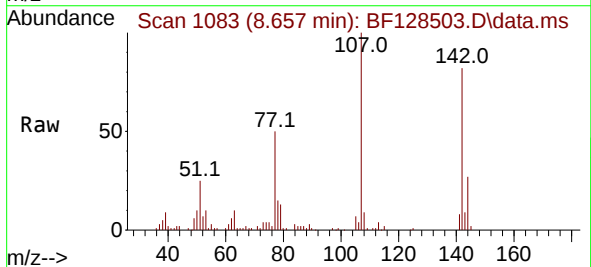
Instrument :
BNA_F
ClientSampleId :
RB-220518

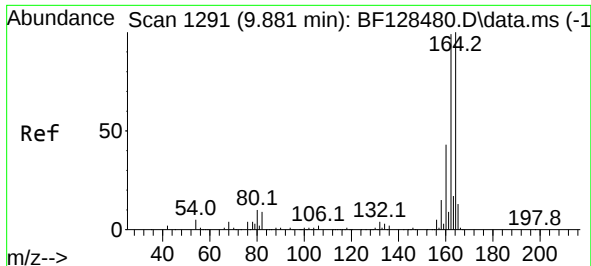
Tgt Ion: 82 Resp: 1522113
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 57.9 46.9 70.3



#36
4-Chloro-3-methylphenol
Concen: 4.578 ng
RT: 8.657 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion: 107 Resp: 53284
Ion Ratio Lower Upper
107 100
144 27.5 19.5 29.3
142 81.7 58.2 87.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

Instrument :

BNA_F

ClientSampleId :

RB-220518

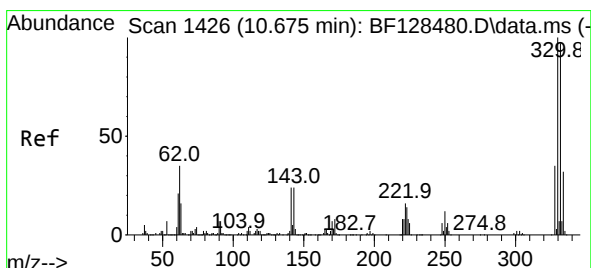
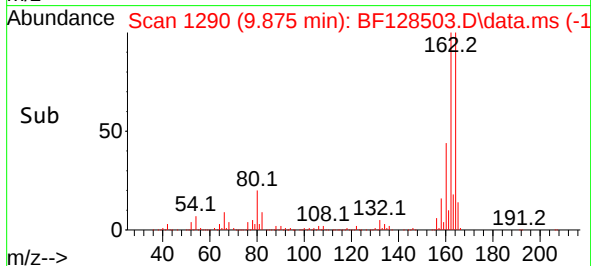
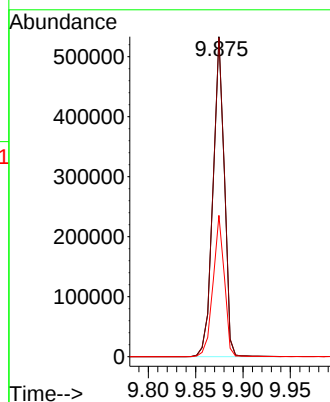
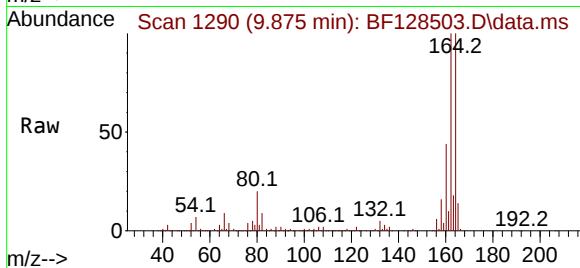
Tgt Ion:164 Resp: 441887

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 166.276 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

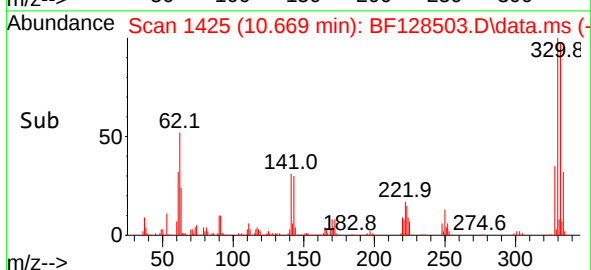
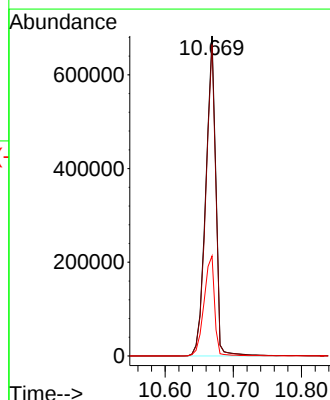
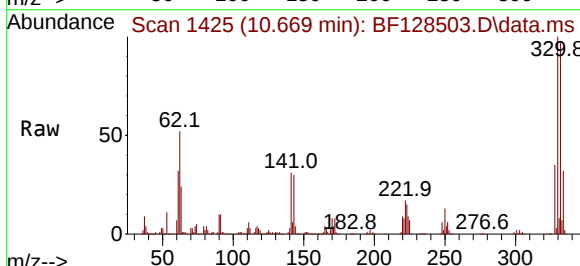
Tgt Ion:330 Resp: 699359

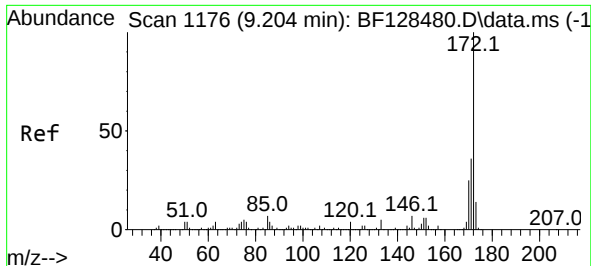
Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 33.1 28.0 42.0

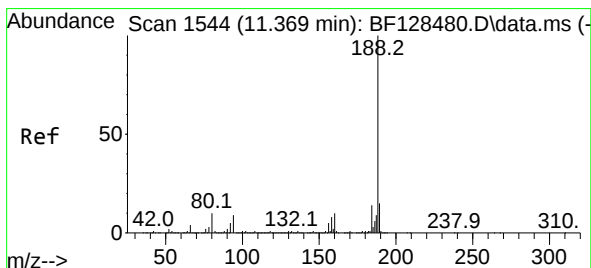
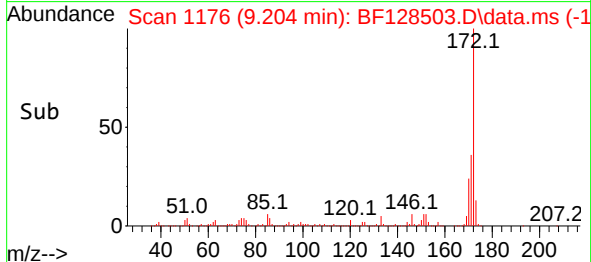
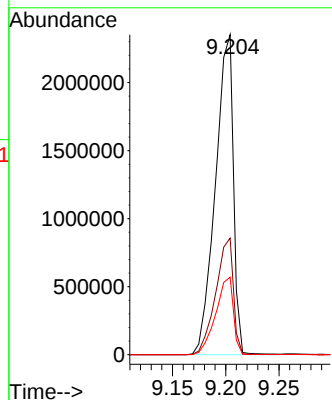
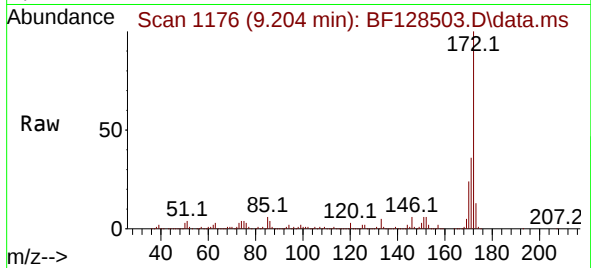




#45
2-Fluorobiphenyl
Concen: 101.388 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

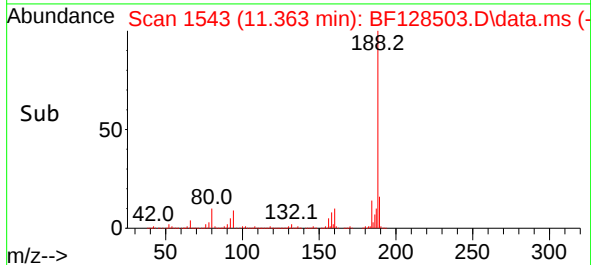
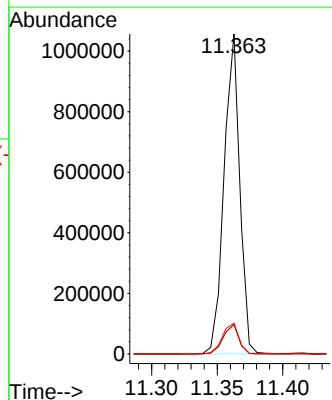
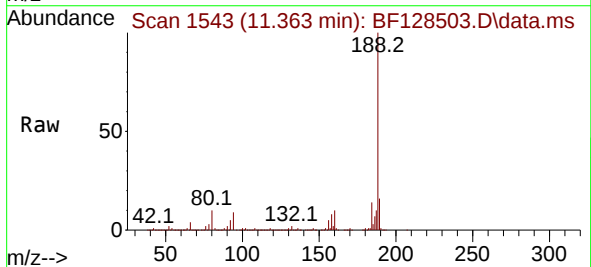
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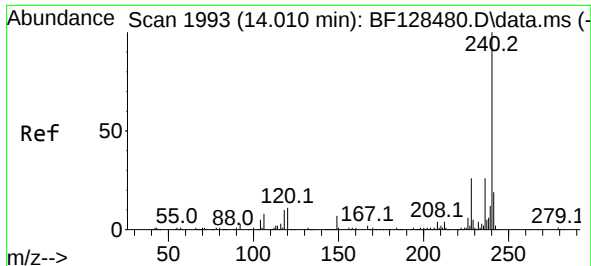
Tgt Ion:172 Resp: 2757649
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.3 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:188 Resp: 876105
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

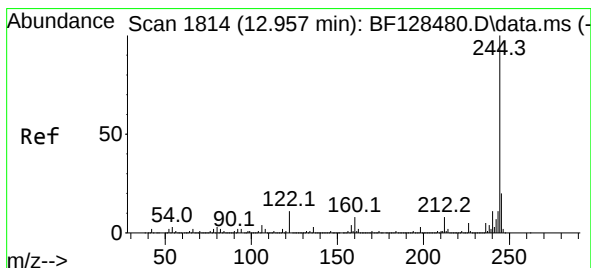
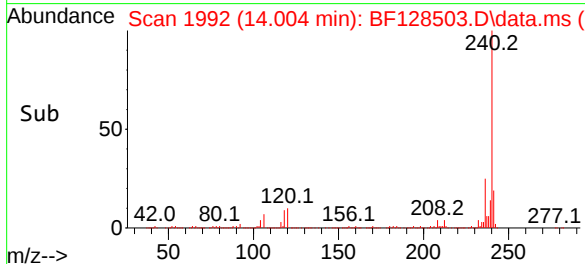
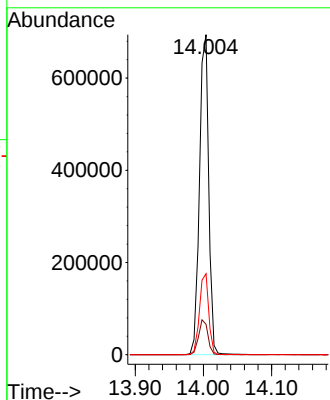
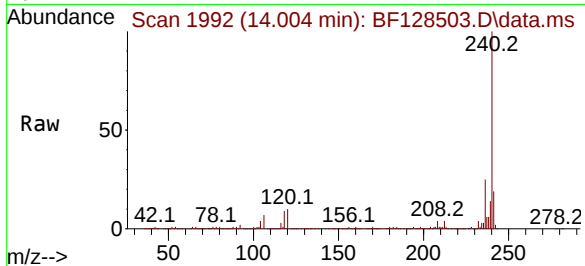




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

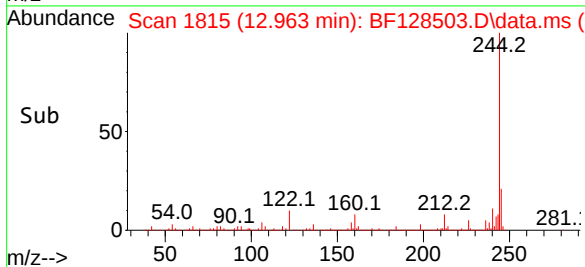
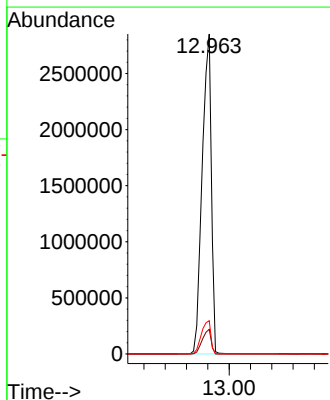
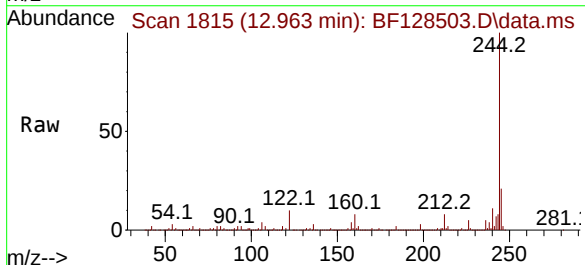
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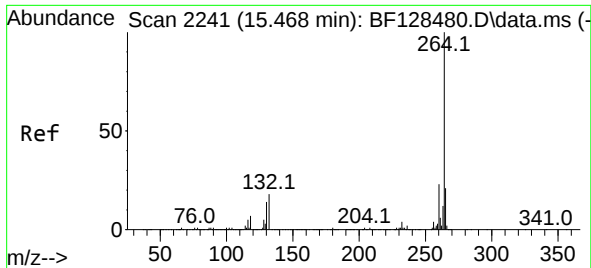
Tgt Ion:240 Resp: 654233
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 100.019 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

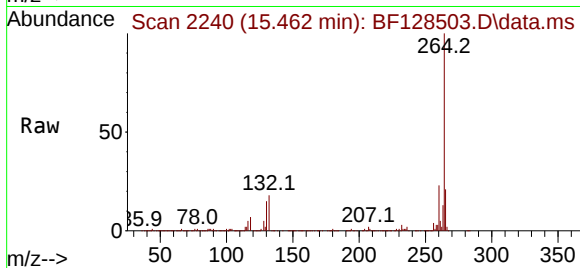
Tgt Ion:244 Resp: 3387003
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 429794

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.4	17.2	25.8

