

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122688.D
 Acq On : 12 Dec 2020 20:15
 Operator : JU/CG
 Sample : L5045-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-24

Quant Time: Dec 13 23:46:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

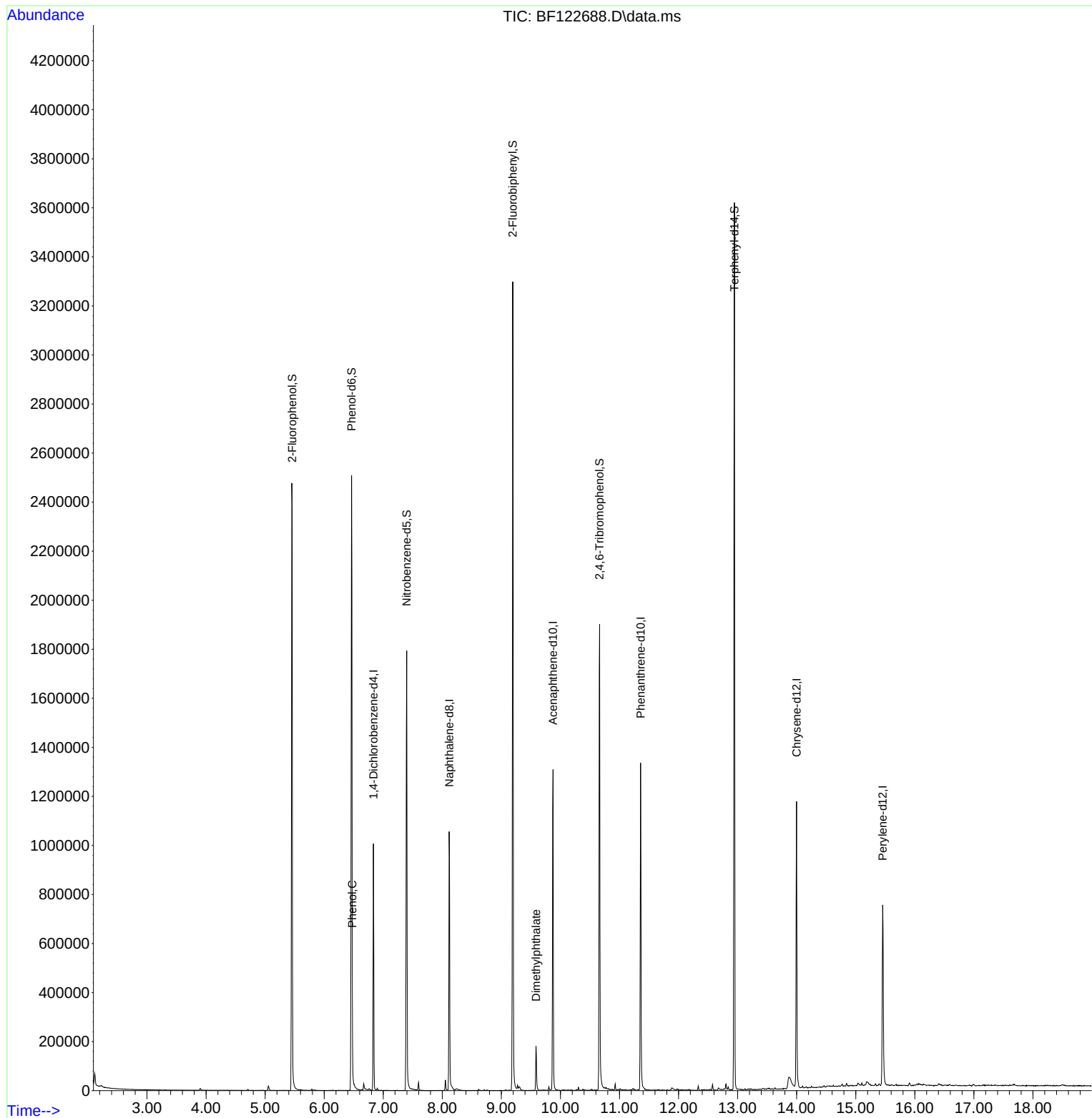
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	142854	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	553126	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	285153	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	519006	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	422689	20.00	ng	-0.01
86) Perylene-d12	15.457	264	373893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	793300	87.92	ng	0.00
7) Phenol-d6	6.463	99	987544	82.52	ng	-0.02
23) Nitrobenzene-d5	7.398	82	622573	56.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	284173	76.13	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1089866	51.70	ng	-0.01
79) Terphenyl-d14	12.945	244	1162670	48.15	ng	-0.01
Target Compounds						
10) Phenol	6.475	94	53876	4.34	ng	89
50) Dimethylphthalate	9.586	163	91059	4.00	ng	99

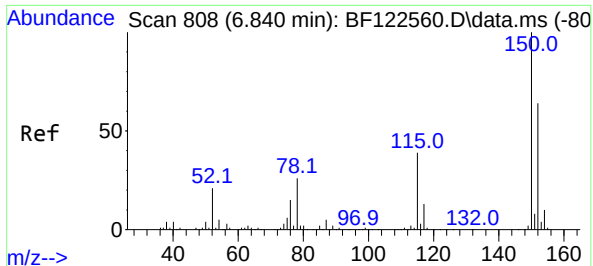
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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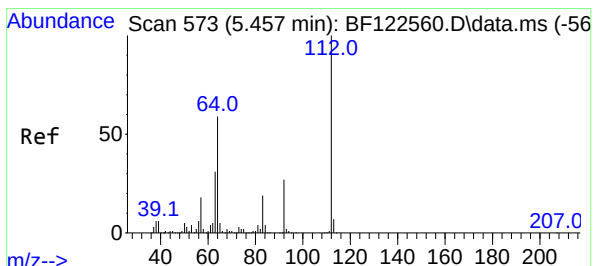
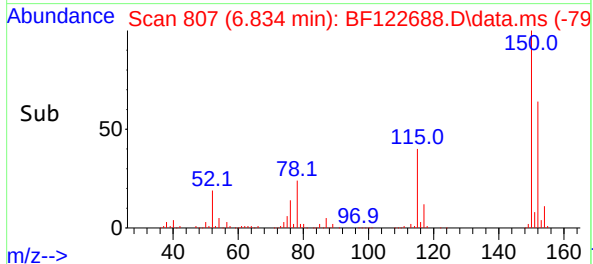
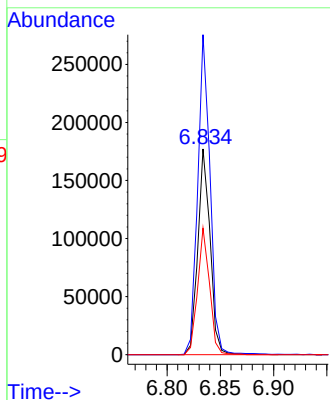
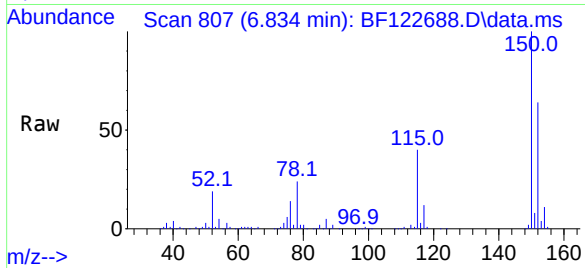




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

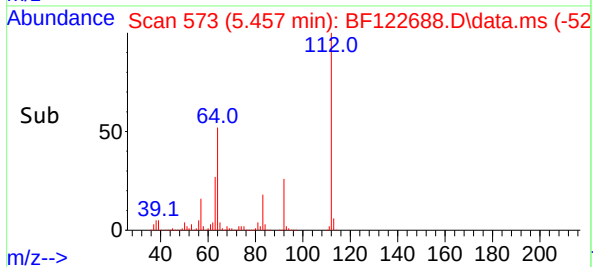
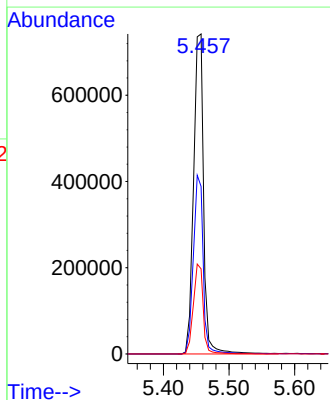
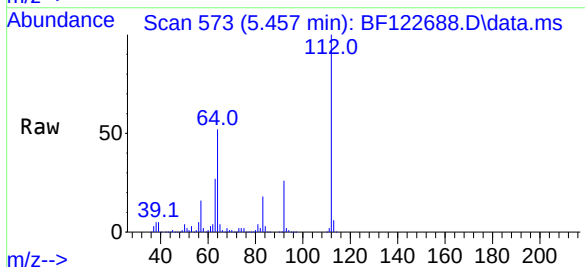
Instrument :
BNA_F
ClientSampleId :
RBR-24

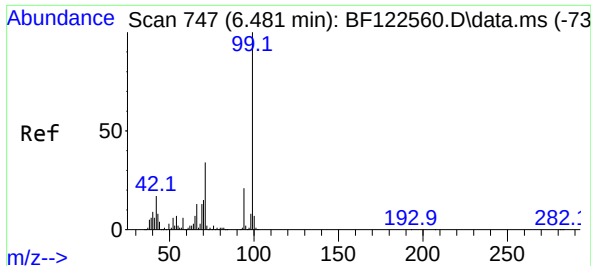
Tgt Ion:152 Resp: 142854
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 87.92 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:112 Resp: 793300
Ion Ratio Lower Upper
112 100
64 52.4 46.9 70.3
63 26.6 24.5 36.7

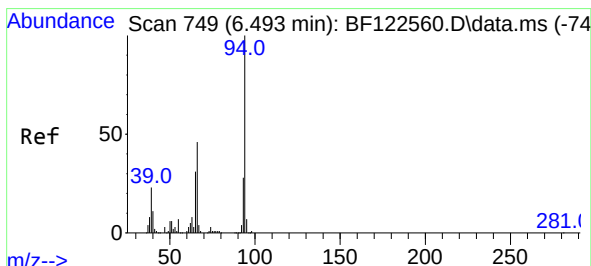
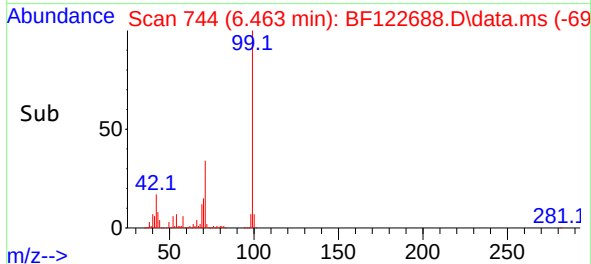
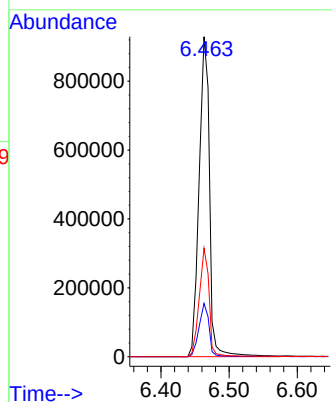
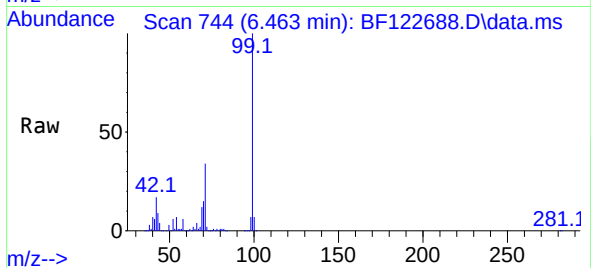




#7
Phenol-d6
Concen: 82.52 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

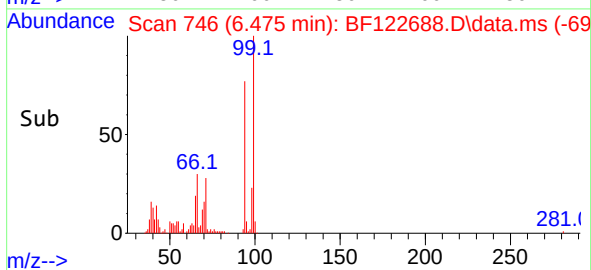
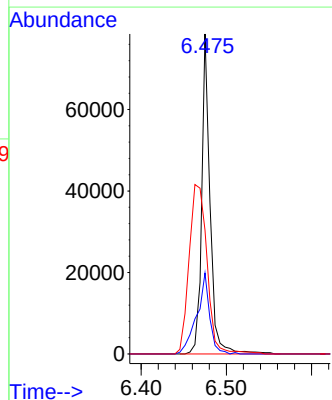
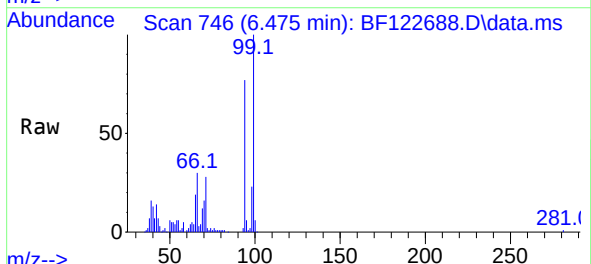
Instrument :
BNA_F
ClientSampleId :
RBR-24

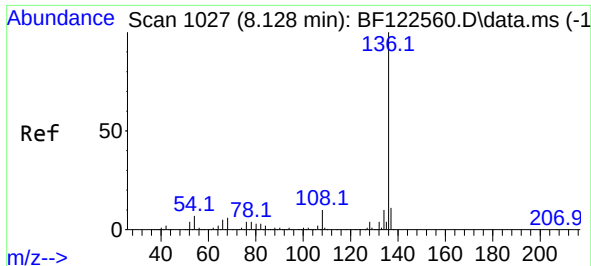
Tgt Ion:	99	Resp:	987544
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	33.9	26.9	40.3



#10
Phenol
Concen: 4.34 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:	94	Resp:	53876
Ion	Ratio	Lower	Upper
94	100		
65	25.3	11.2	51.2
66	38.7	25.8	65.8



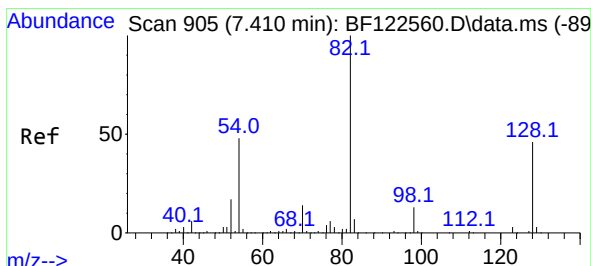
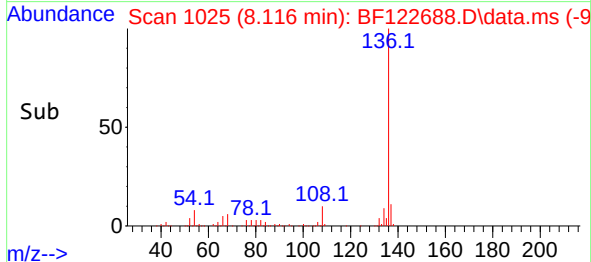
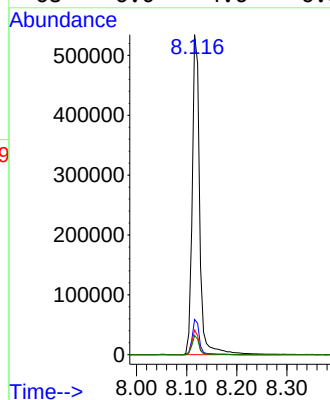
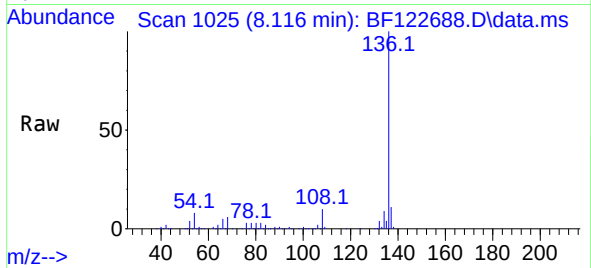


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Instrument :
BNA_F
ClientSampleId :
RBR-24

Tgt Ion:136 Resp: 553126

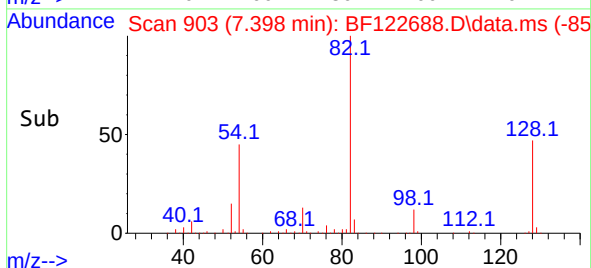
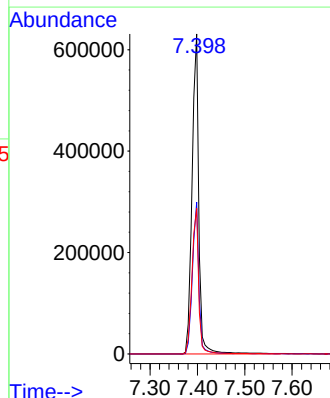
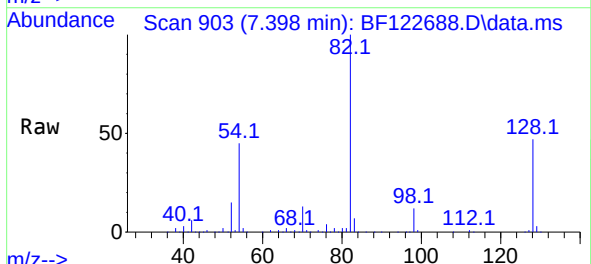
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.5	8.3
68	6.0	4.6	6.8

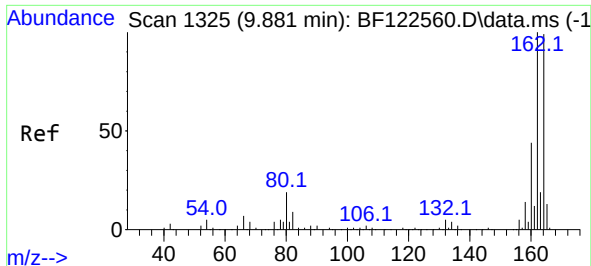


#23
Nitrobenzene-d5
Concen: 56.39 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion: 82 Resp: 622573

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.4
54	45.5	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122688.D

Acq: 12 Dec 2020 20:15

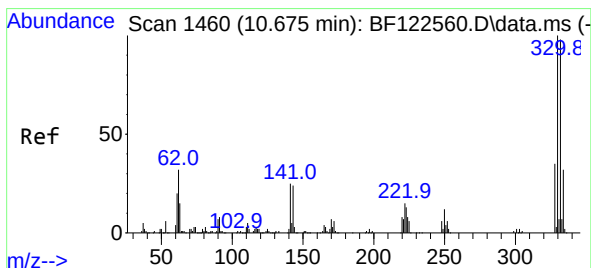
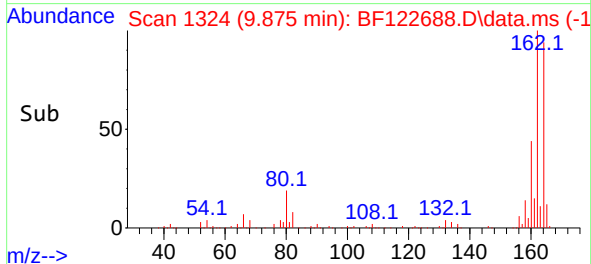
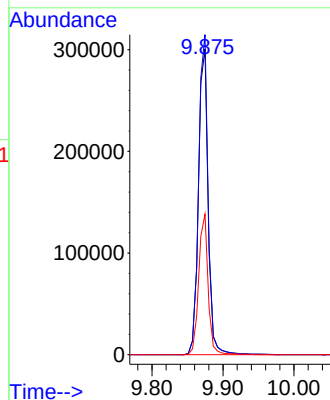
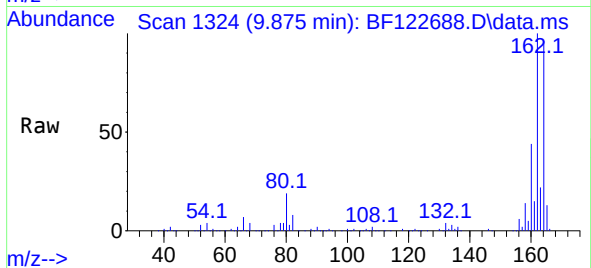
Tgt Ion:164 Resp: 285153

Ion Ratio Lower Upper

164 100

162 104.6 80.8 121.2

160 45.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 76.13 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122688.D

Acq: 12 Dec 2020 20:15

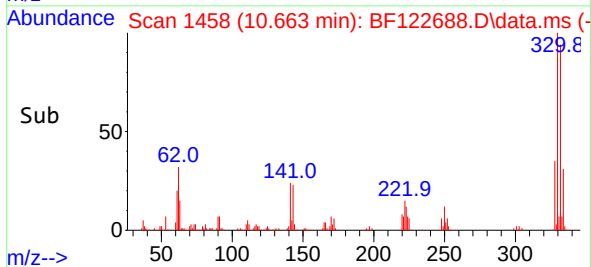
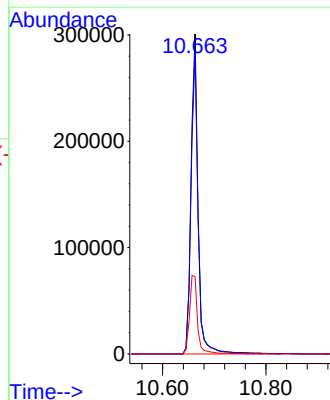
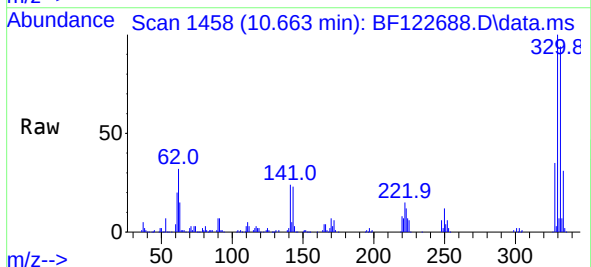
Tgt Ion:330 Resp: 284173

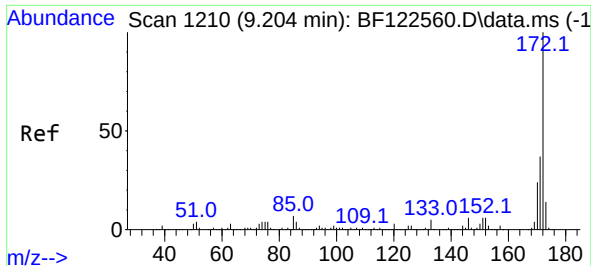
Ion Ratio Lower Upper

330 100

332 95.2 77.5 116.3

141 27.9 23.8 35.8

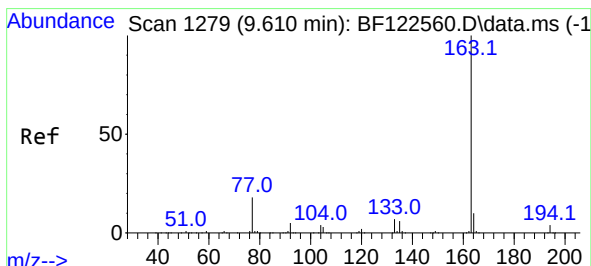
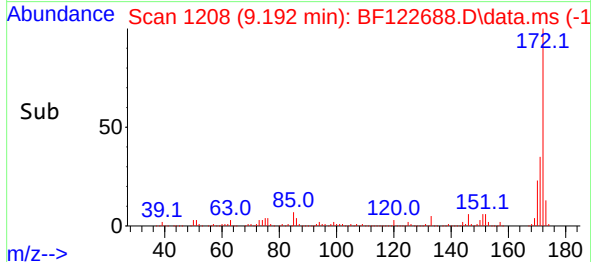
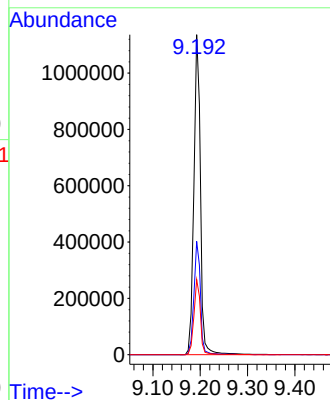
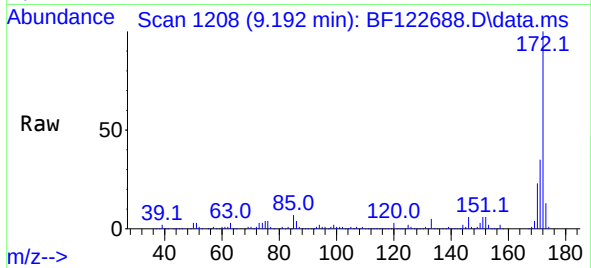




#45
2-Fluorobiphenyl
Concen: 51.70 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

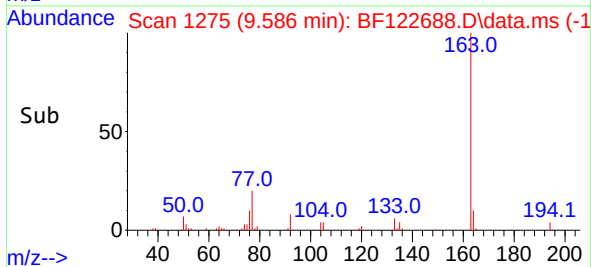
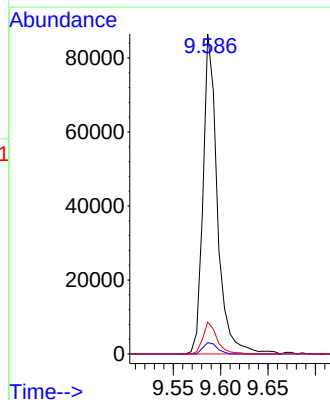
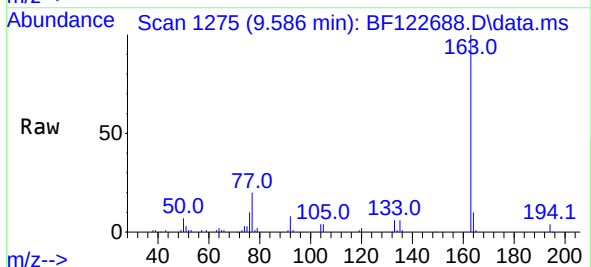
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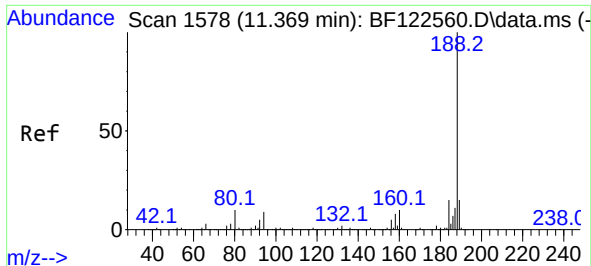
Tgt Ion:172 Resp: 1089866
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.4 19.5 29.3



#50
Dimethylphthalate
Concen: 4.00 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:163 Resp: 91059
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.9 8.1 12.1

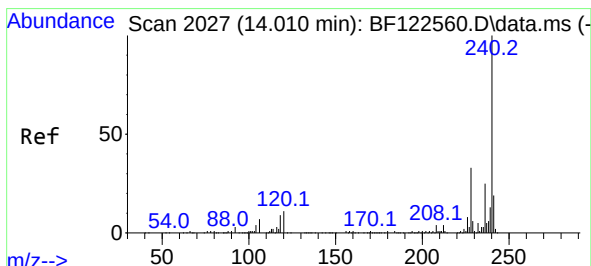
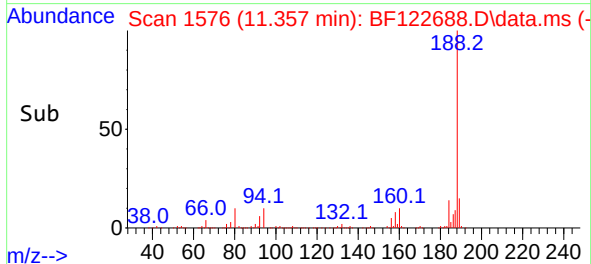
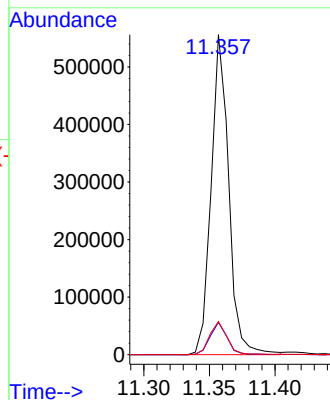
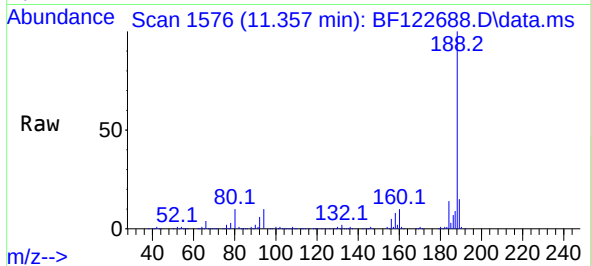




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

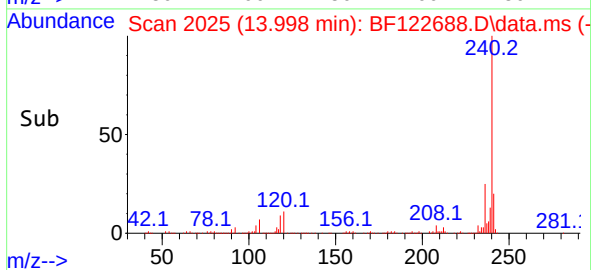
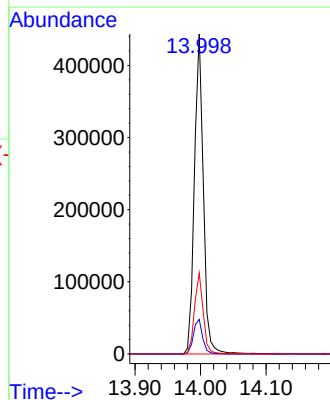
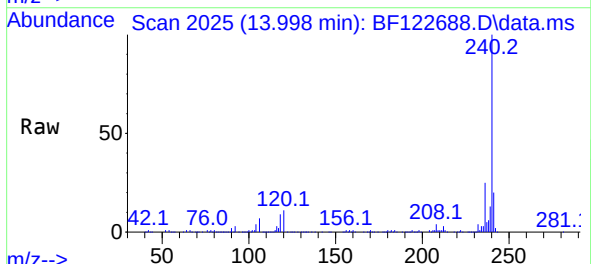
Instrument :
BNA_F
ClientSampleId :
RBR-24

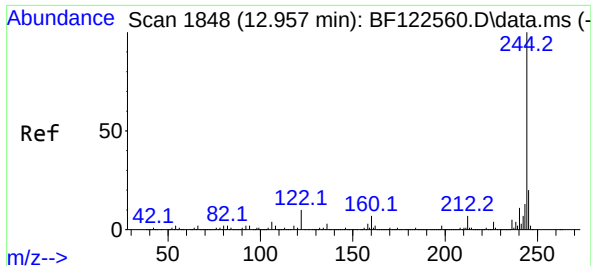
Tgt Ion:188 Resp: 519006
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

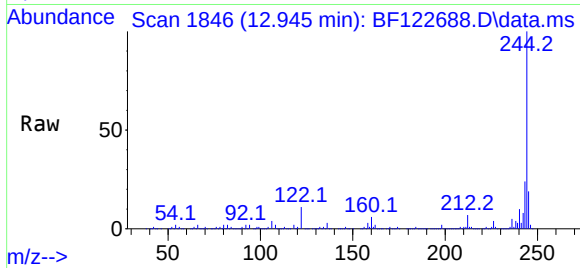
Tgt Ion:240 Resp: 422689
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.3 20.3 30.5



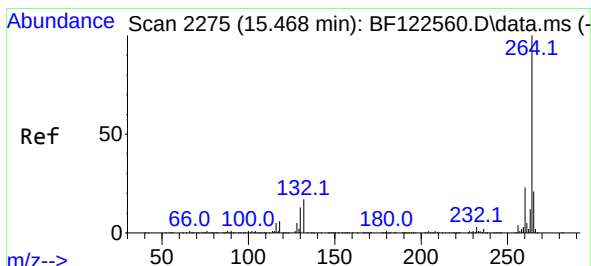
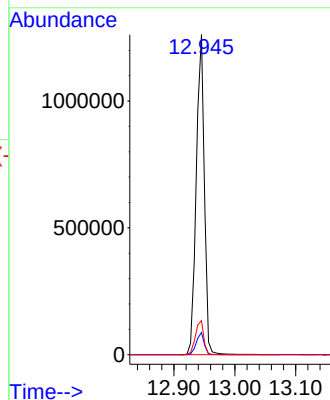
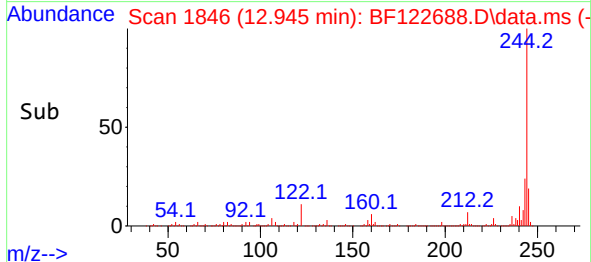


#79
Terphenyl-d14
Concen: 48.15 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

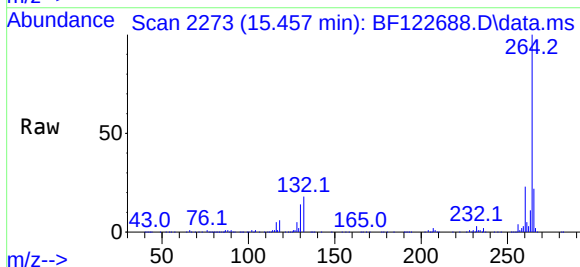
Instrument :
BNA_F
ClientSampleId :
RBR-24



Tgt Ion:244 Resp: 1162670
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15



Tgt Ion:264 Resp: 373893
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.7 17.0 25.6

