

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127555.D
 Acq On : 28 Mar 2022 21:28
 Operator : CG\JU
 Sample : N2108-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R206

Quant Time: Mar 29 07:17:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

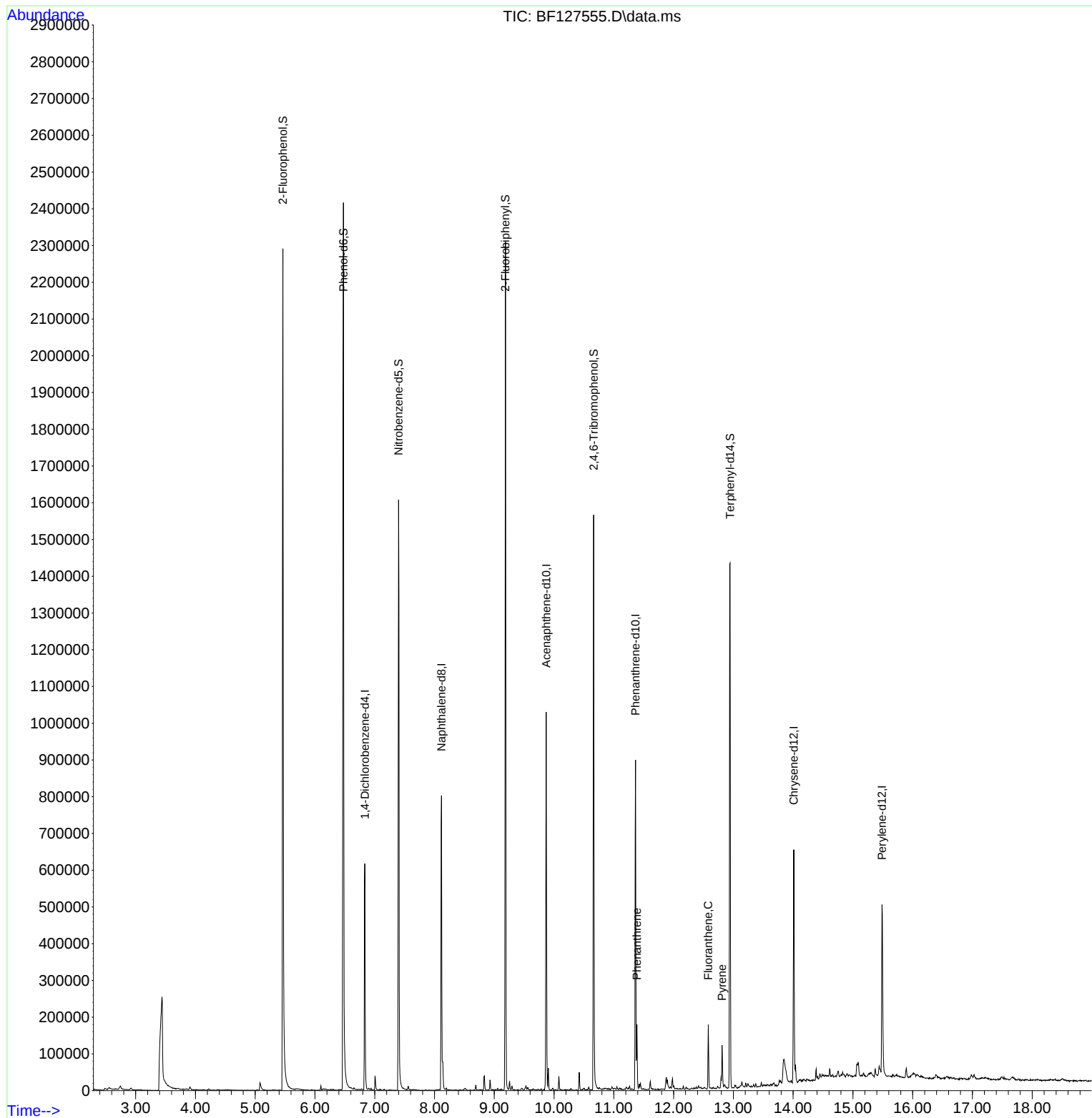
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92053	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	341977	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	187841	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	308309	20.000	ng	0.00
76) Chrysene-d12	14.010	240	207186	20.000	ng	0.00
86) Perylene-d12	15.486	264	216986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	579288	100.450	ng	0.00
7) Phenol-d6	6.475	99	769831	97.658	ng	0.00
23) Nitrobenzene-d5	7.398	82	526681	65.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	163028	81.474	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	648757	50.433	ng	0.00
79) Terphenyl-d14	12.945	244	507917	40.132	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.386	178	57495	3.577	ng	98
75) Fluoranthene	12.580	202	64879	3.670	ng	97
78) Pyrene	12.810	202	47455	2.669	ng	97

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

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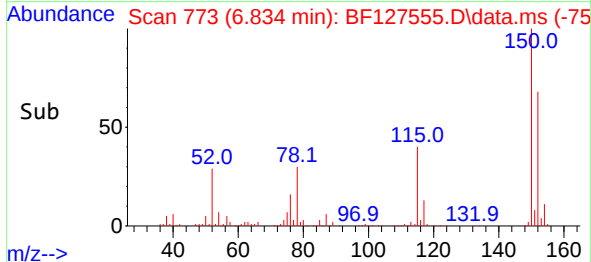
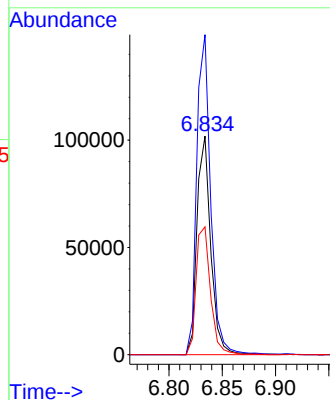
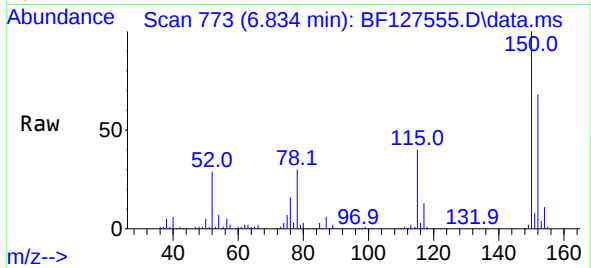




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

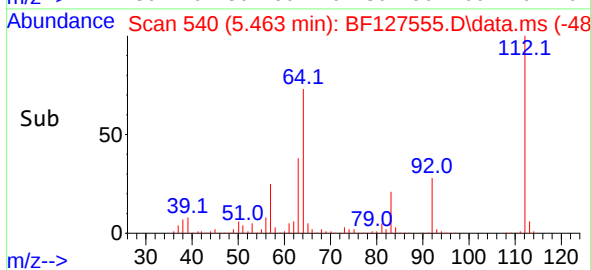
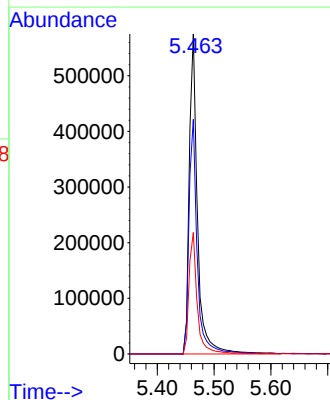
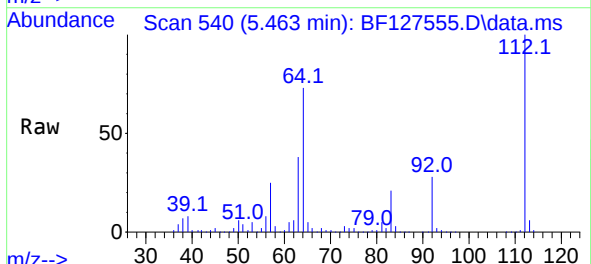
Instrument :
BNA_F
ClientSampleId :
R206

Tgt Ion:152 Resp: 92053
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 58.5 49.8 74.6

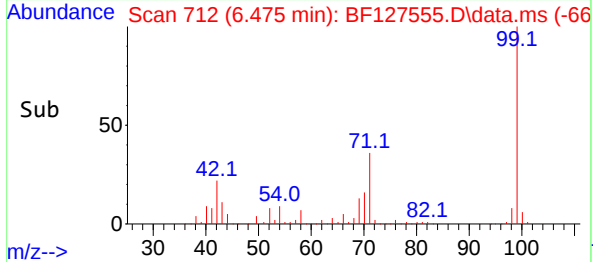
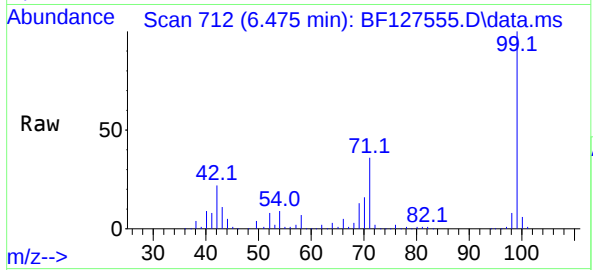
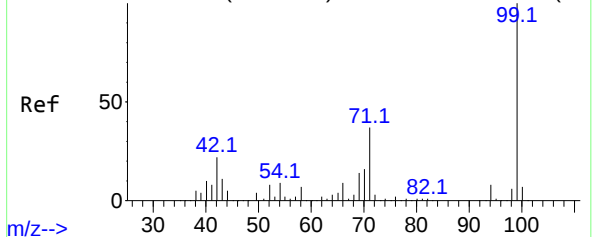


#5
2-Fluorophenol
Concen: 100.450 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:112 Resp: 579288
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 38.0 30.1 45.1



Abundance Scan 714 (6.486 min): BF127417.D\data.ms (-70



#7

Phenol-d6

Concen: 97.658 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

Instrument :

BNA_F

ClientSampleId :

R206

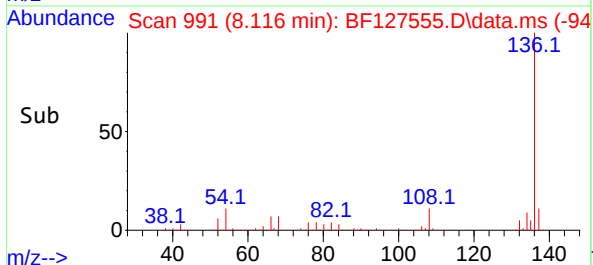
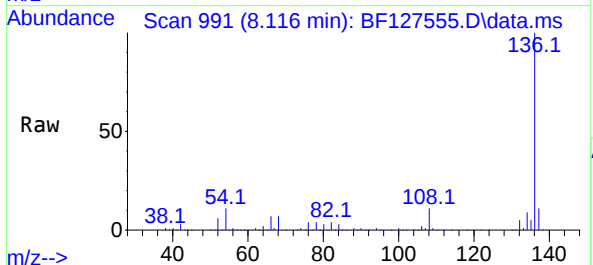
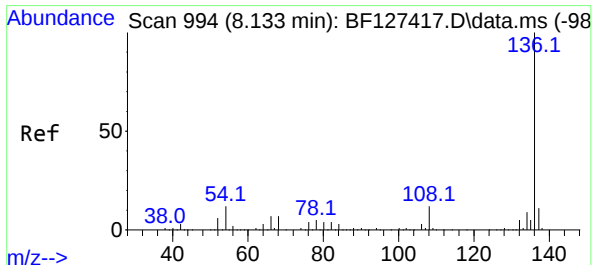
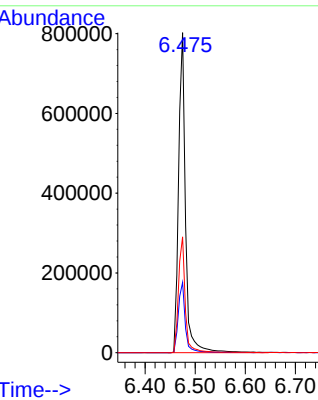
Tgt Ion: 99 Resp: 769831

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

71 36.2 29.6 44.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

Tgt Ion:136 Resp: 341977

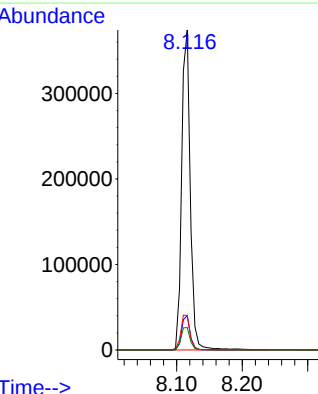
Ion Ratio Lower Upper

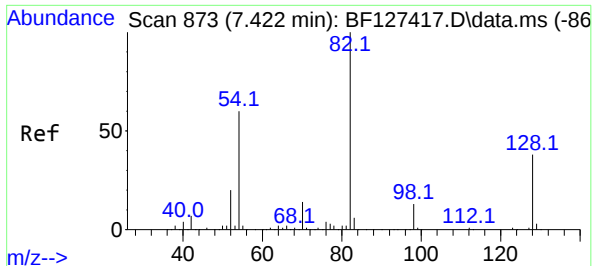
136 100

137 10.8 8.6 13.0

54 10.8 9.2 13.8

68 7.0 5.4 8.0

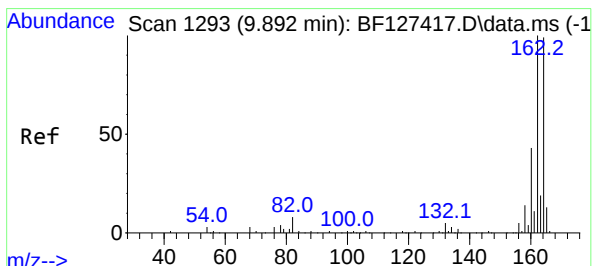
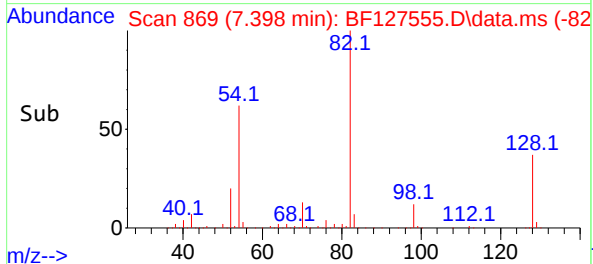
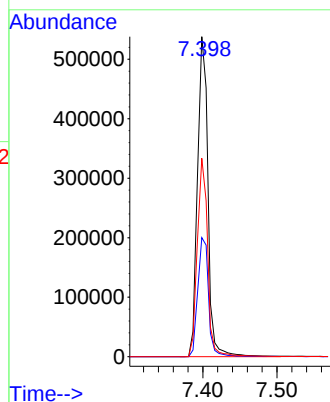
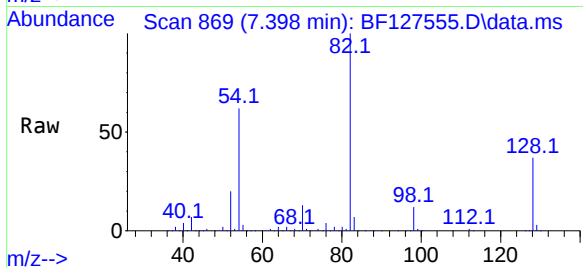




#23
Nitrobenzene-d5
Concen: 65.833 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

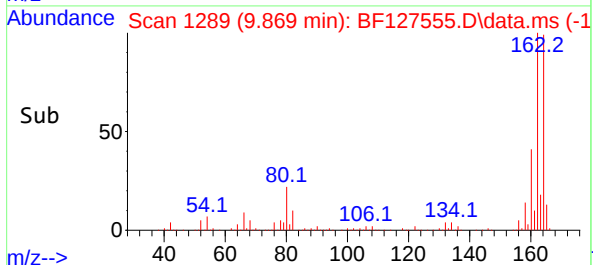
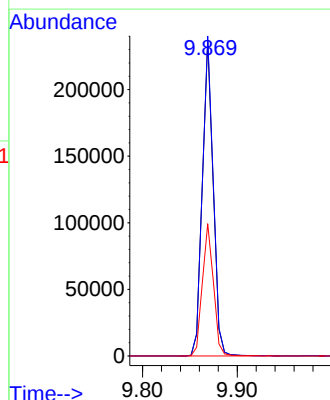
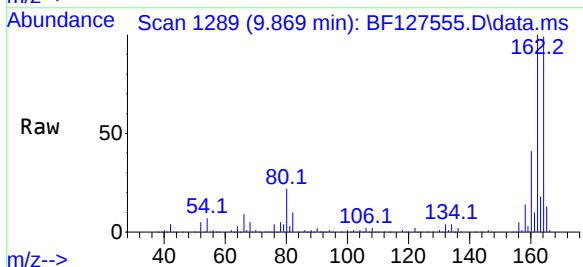
Instrument :
BNA_F
ClientSampleId :
R206

Tgt Ion: 82 Resp: 526681
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 62.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:164 Resp: 187841
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 41.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 81.474 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

Instrument :

BNA_F

ClientSampleId :

R206

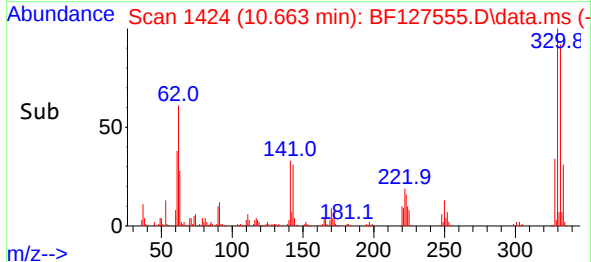
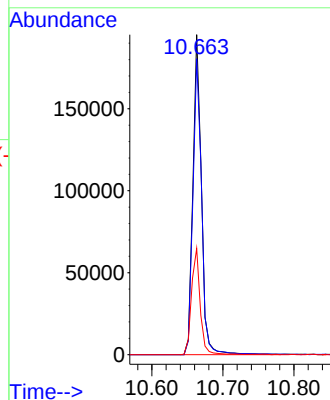
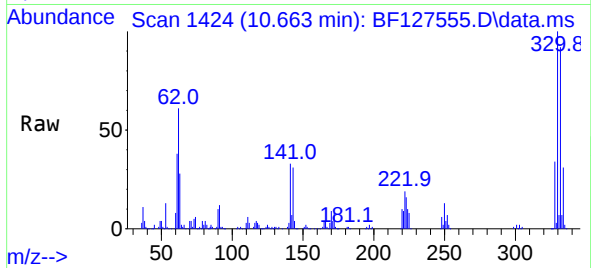
Tgt Ion:330 Resp: 163028

Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 34.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 50.433 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

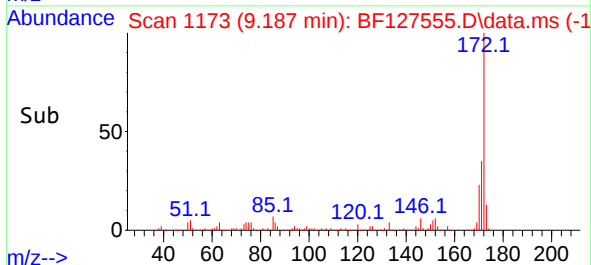
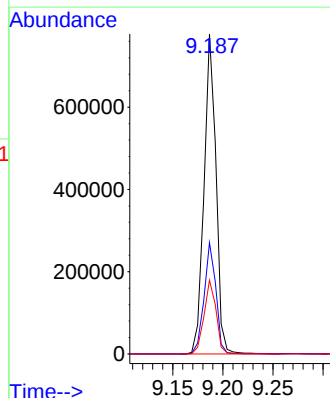
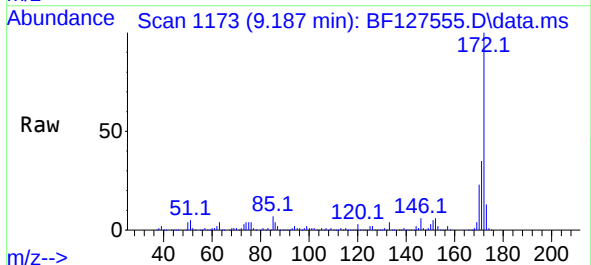
Tgt Ion:172 Resp: 648757

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.1 18.6 27.8

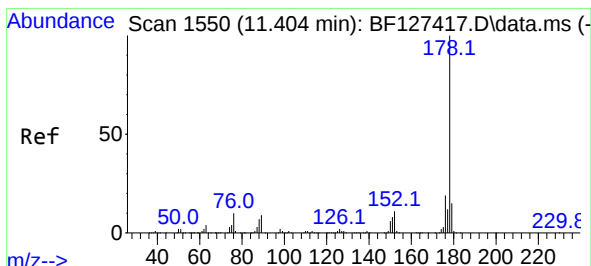
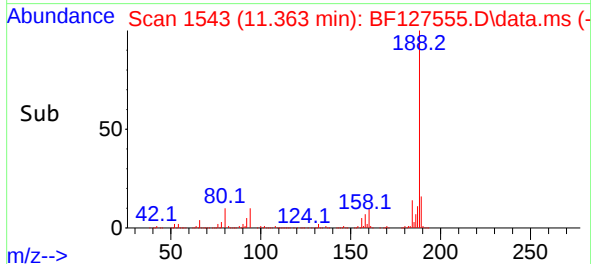
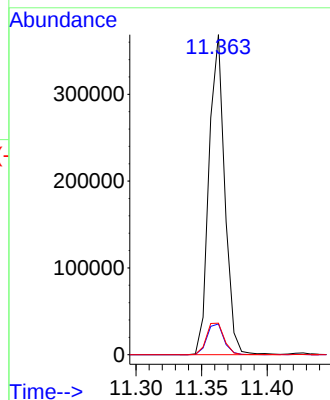
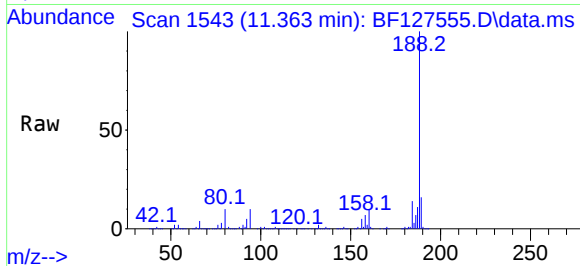




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

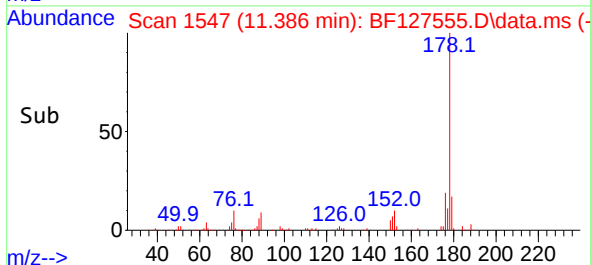
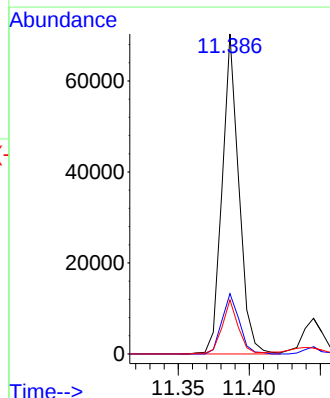
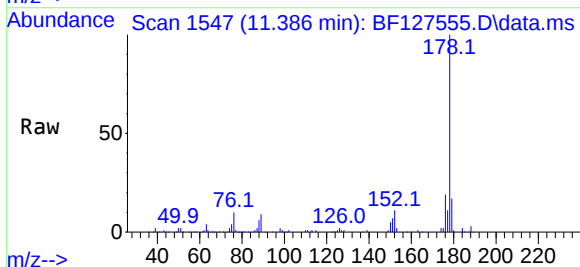
Instrument :
BNA_F
ClientSampleId :
R206

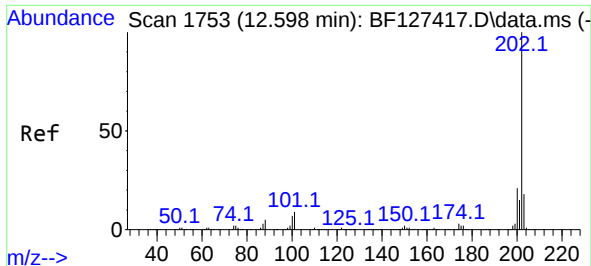
Tgt Ion:188 Resp: 308309
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 9.9 8.0 12.0



#71
Phenanthrene
Concen: 3.577 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:178 Resp: 57495
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.9 12.4 18.6

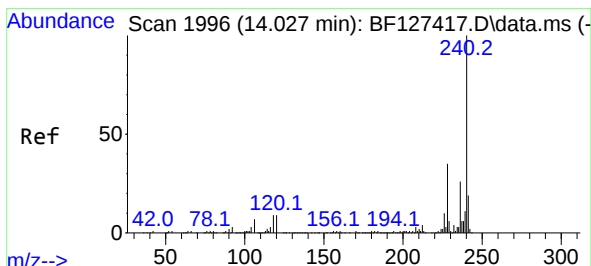
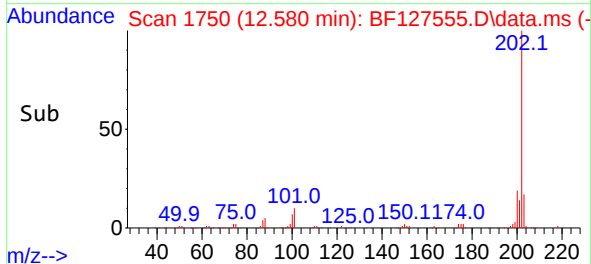
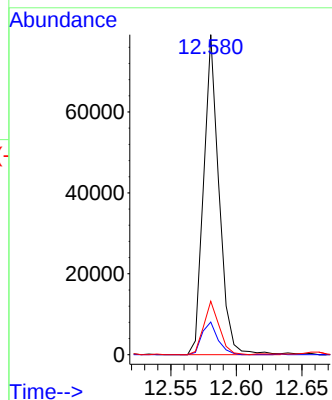
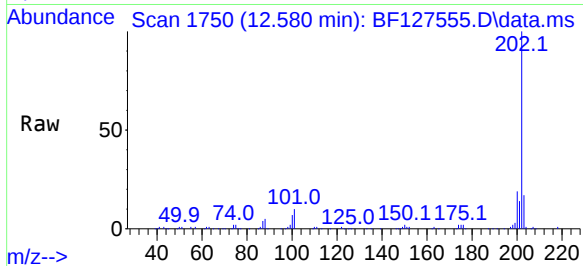




#75
Fluoranthene
Concen: 3.670 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

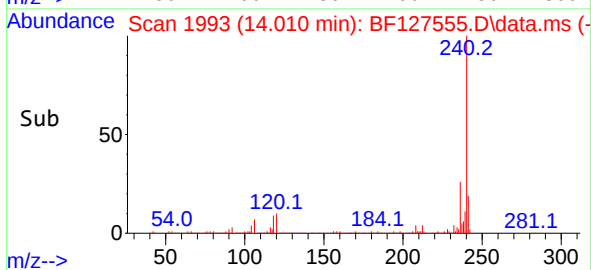
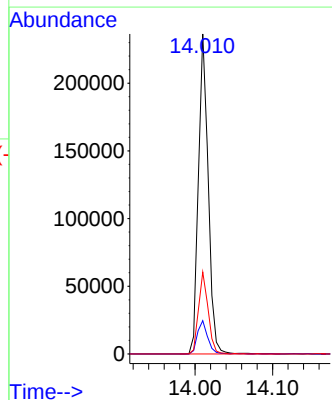
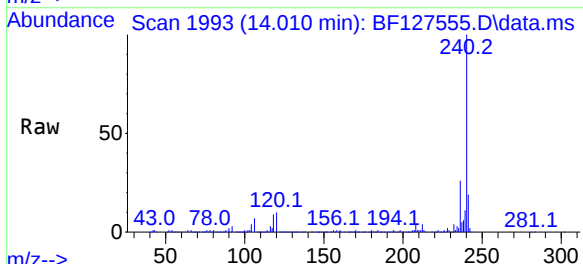
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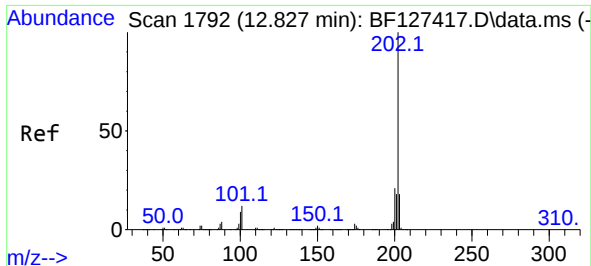
Tgt Ion:	202	Resp:	64879
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.0
203	16.7	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:	240	Resp:	207186
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.1	10.7
236	25.6	20.7	31.1

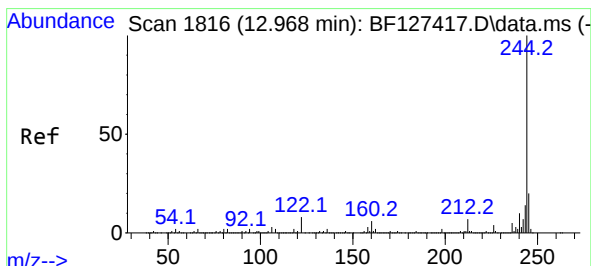
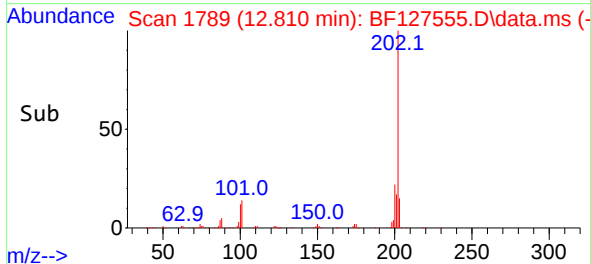
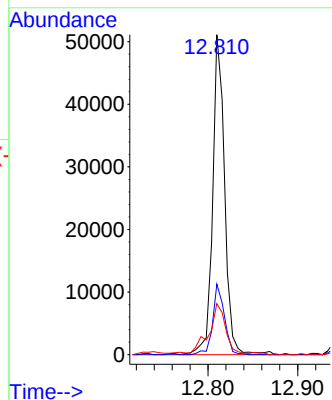
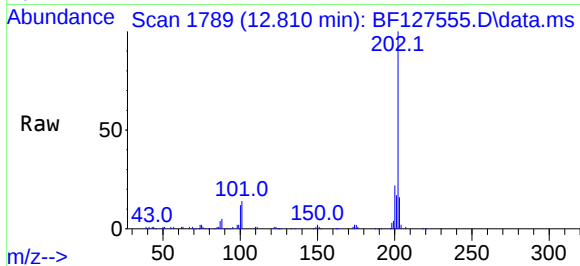




#78
Pyrene
Concen: 2.669 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

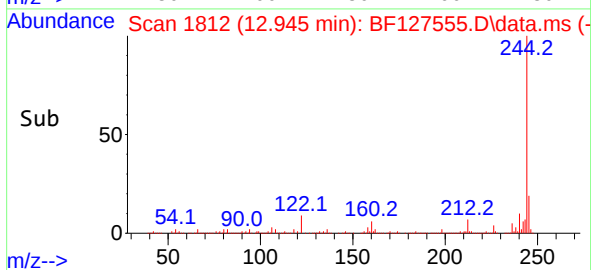
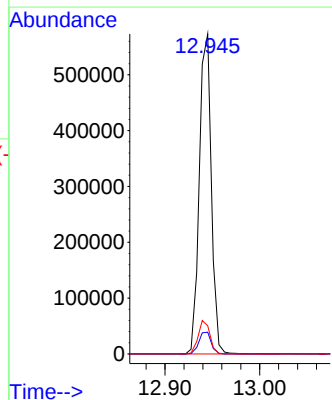
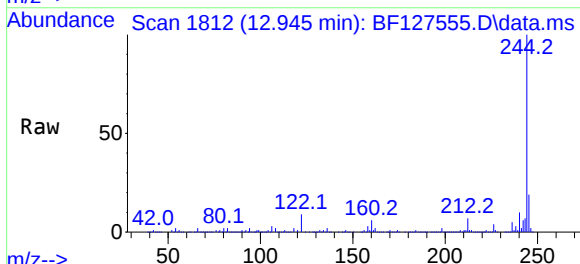
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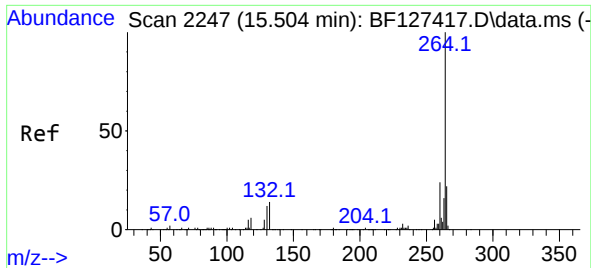
Tgt Ion:202 Resp: 47455
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 16.0 14.3 21.5



#79
Terphenyl-d14
Concen: 40.132 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:244 Resp: 507917
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.8 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127555.D
 Acq: 28 Mar 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 R206

Tgt Ion:264 Resp: 216986

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.0	17.4	26.2

