

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129544.D
 Acq On : 03 Aug 2022 17:12
 Operator : CG\JU
 Sample : N3930-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-111

Quant Time: Aug 03 17:47:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

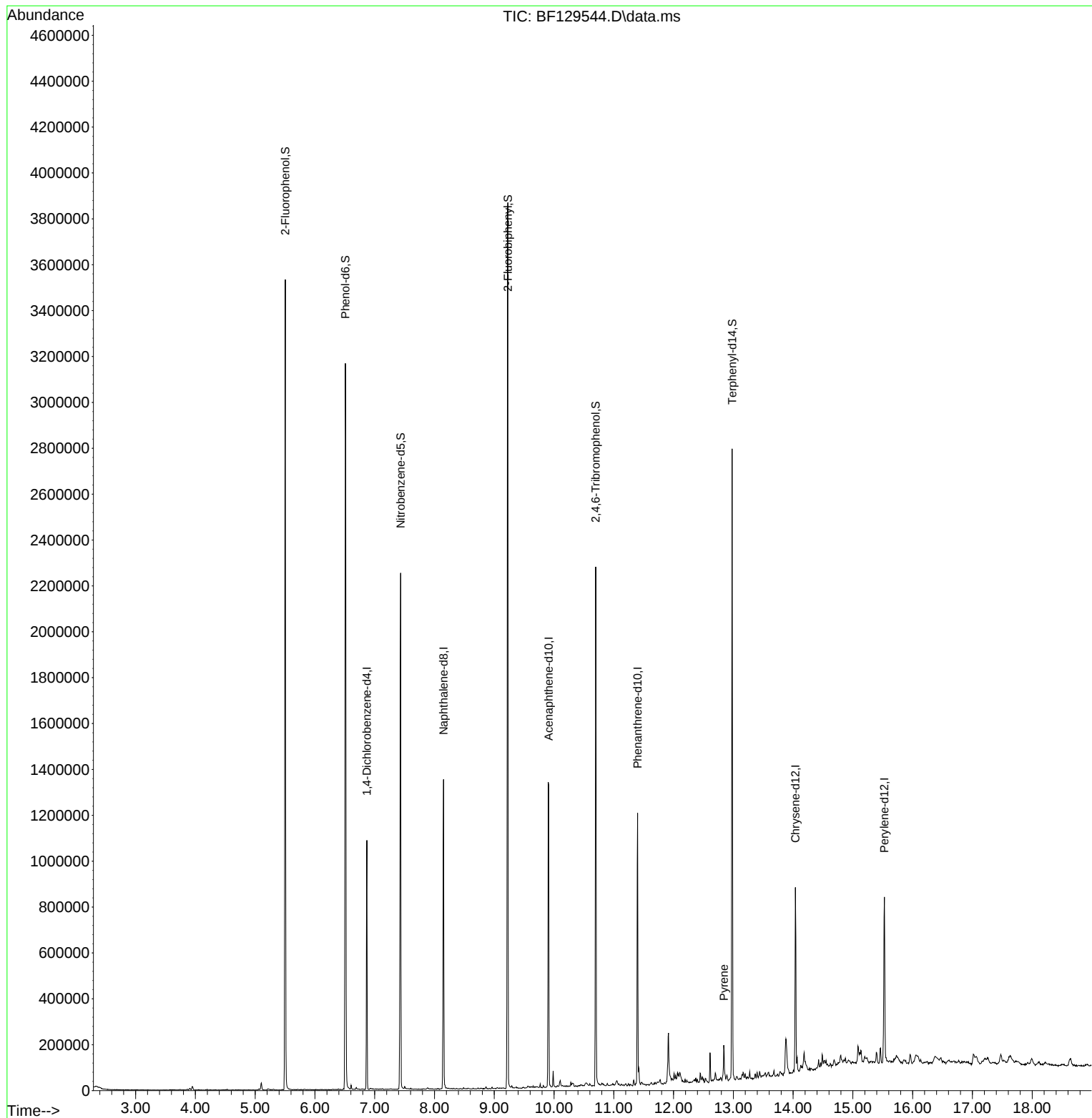
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	150022	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	586533	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	286837	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	412718	20.000	ng	0.00
76) Chrysene-d12	14.039	240	241765	20.000	ng	-0.01
86) Perylene-d12	15.527	264	319203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	900909	97.824	ng	0.00
7) Phenol-d6	6.510	99	1123152	97.026	ng	-0.01
23) Nitrobenzene-d5	7.434	82	713424	66.398	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	245653	89.078	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1252738	67.562	ng	0.00
79) Terphenyl-d14	12.980	244	837888	65.383	ng	0.00
Target Compounds						
78) Pyrene	12.839	202	54286	2.685	ng	Qvalue 97

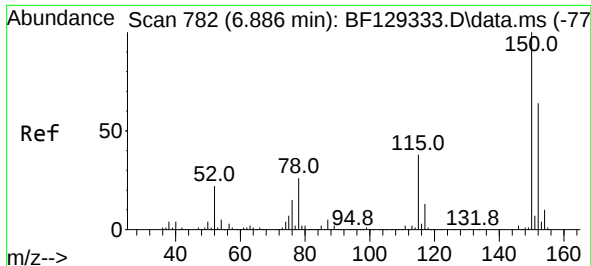
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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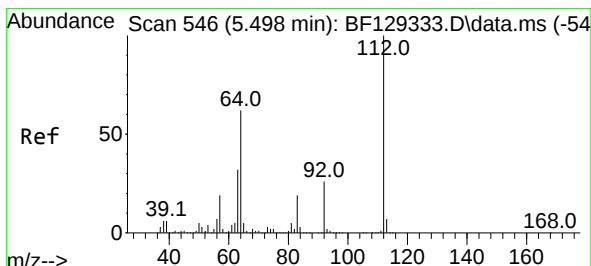
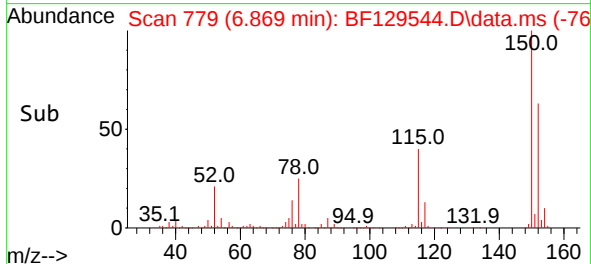
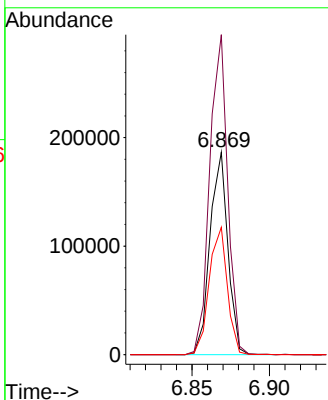
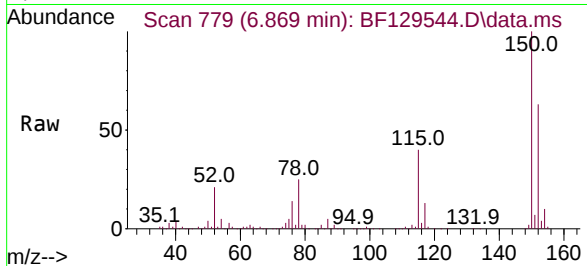




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

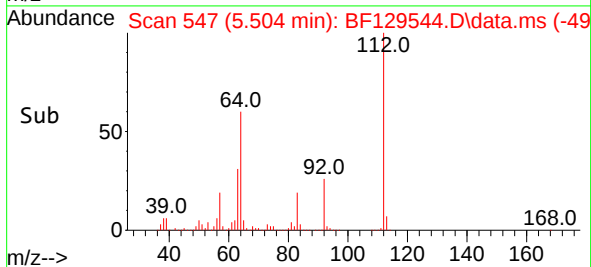
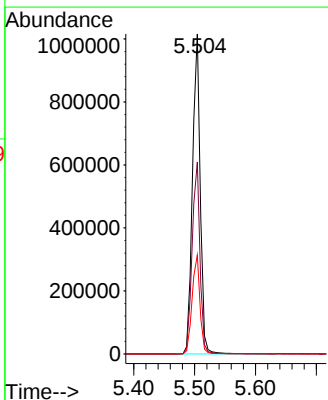
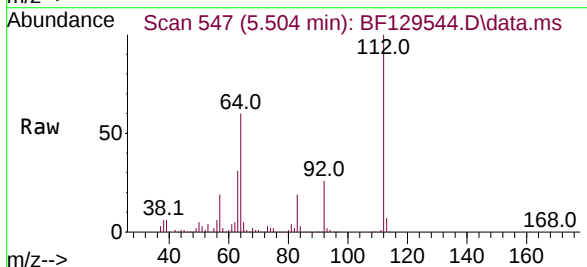
Instrument :
BNA_F
ClientSampleId :
RVE-111

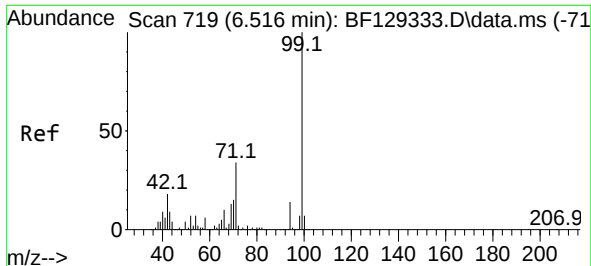
Tgt Ion:152 Resp: 150022
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 97.824 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:112 Resp: 900909
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.9 28.0 42.0

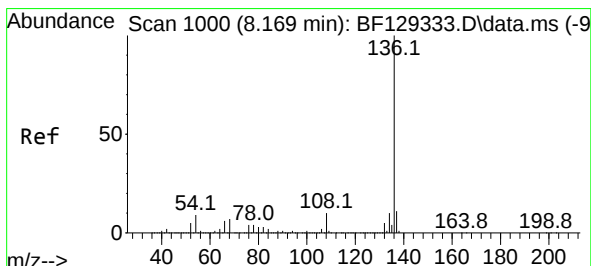
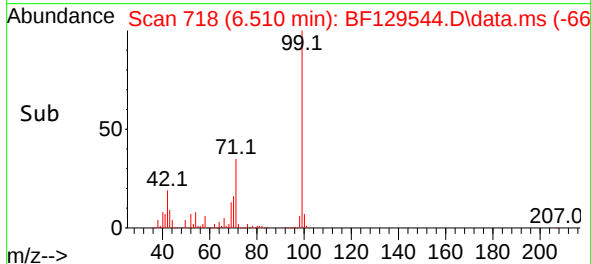
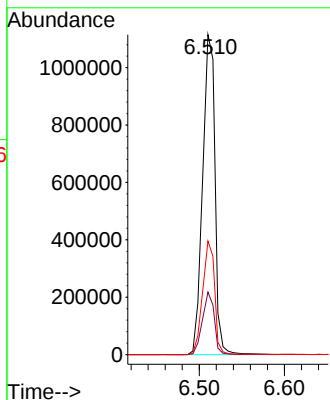
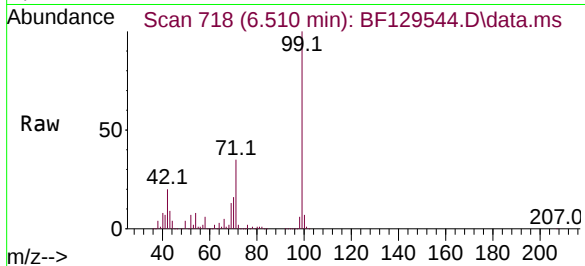




#7
Phenol-d6
Concen: 97.026 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

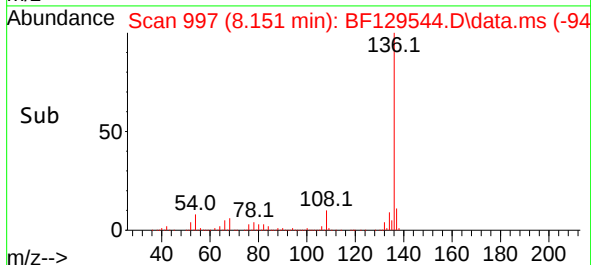
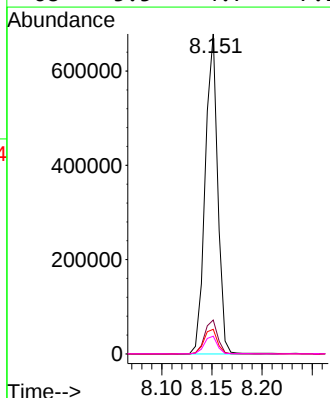
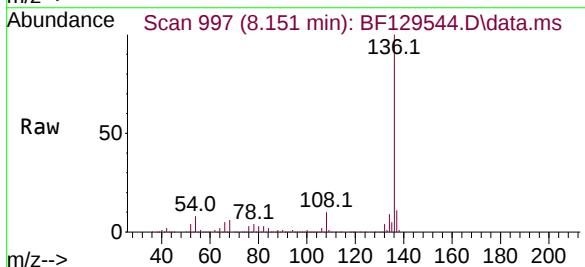
Instrument :
BNA_F
ClientSampleId :
RVE-111

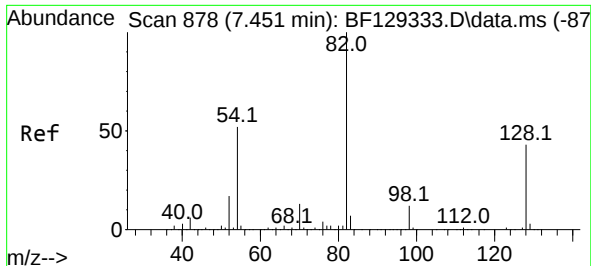
Tgt Ion: 99 Resp: 1123152
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 35.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion: 136 Resp: 586533
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.7 7.5 11.3
68 5.5 4.7 7.1

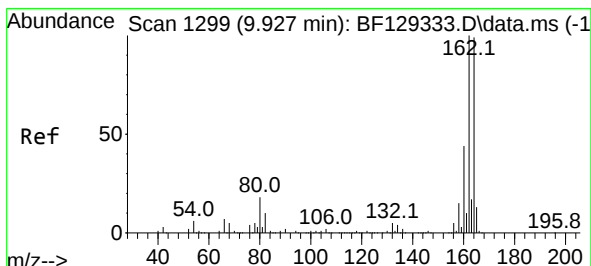
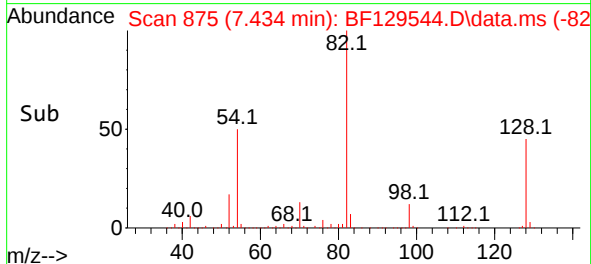
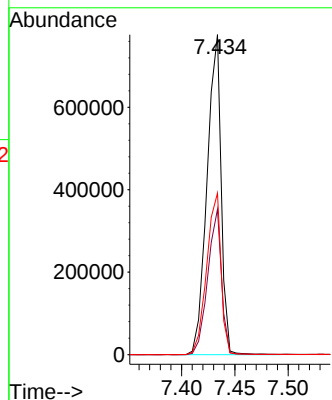
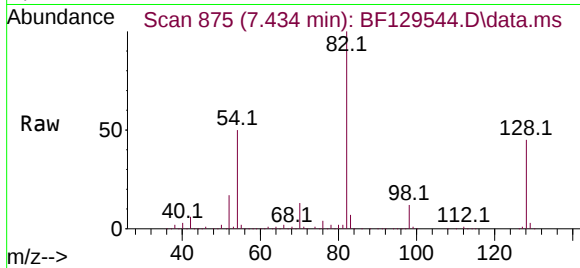




#23
 Nitrobenzene-d5
 Concen: 66.398 ng
 RT: 7.434 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

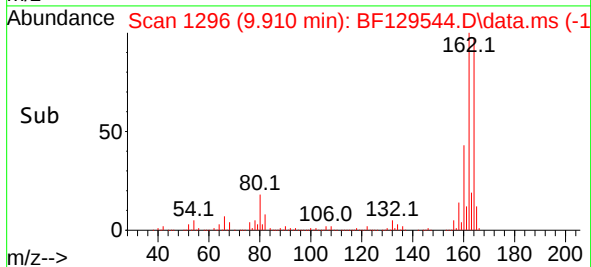
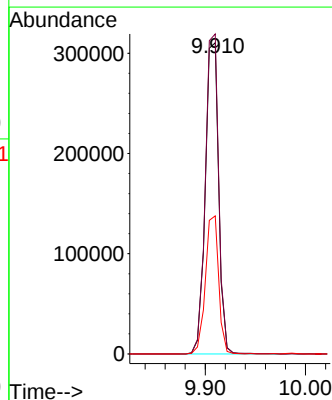
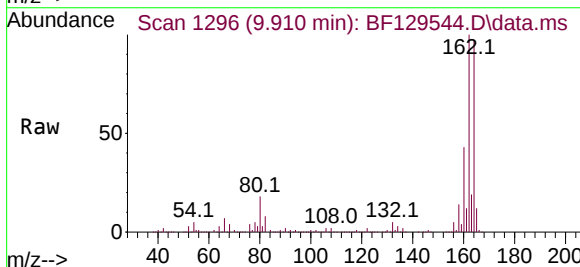
Instrument :
 BNA_F
 ClientSampleId :
 RVE-111

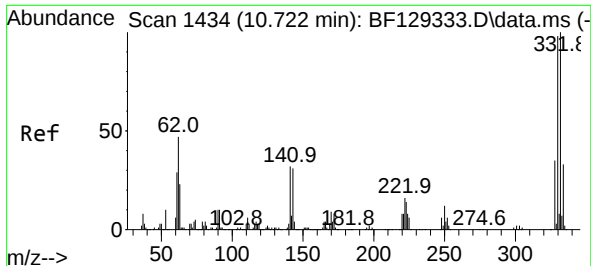
Tgt Ion: 82 Resp: 713424
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 50.5 46.9 70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1296
 Delta R.T. -0.006 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

Tgt Ion: 164 Resp: 286837
 Ion Ratio Lower Upper
 164 100
 162 102.8 79.5 119.3
 160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.078 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF129544.D

Acq: 03 Aug 2022 17:12

Instrument :

BNA_F

ClientSampleId :

RVE-111

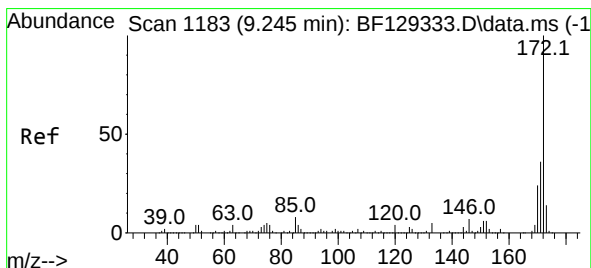
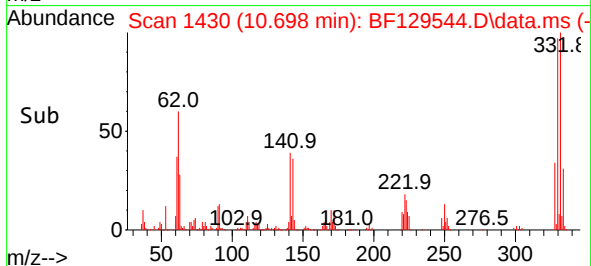
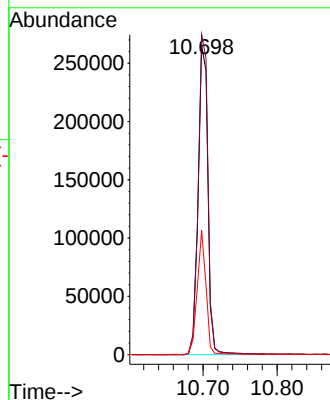
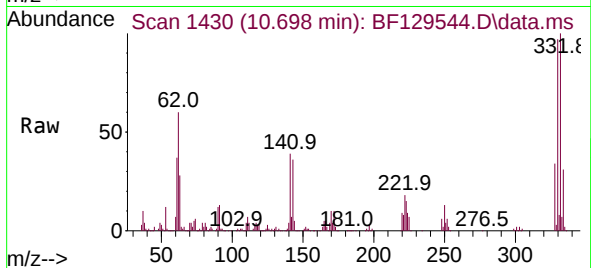
Tgt Ion:330 Resp: 245653

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.562 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129544.D

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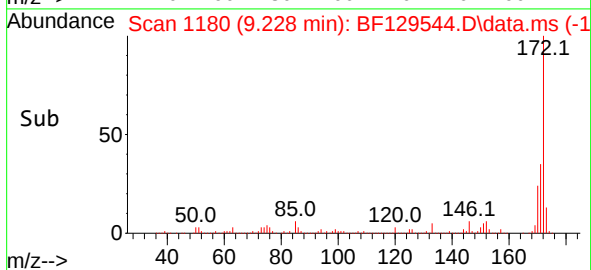
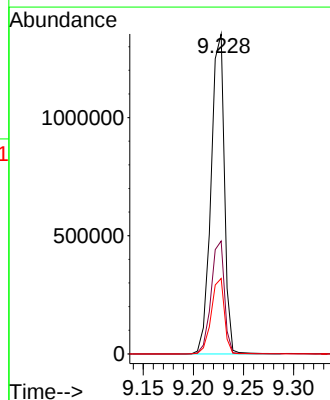
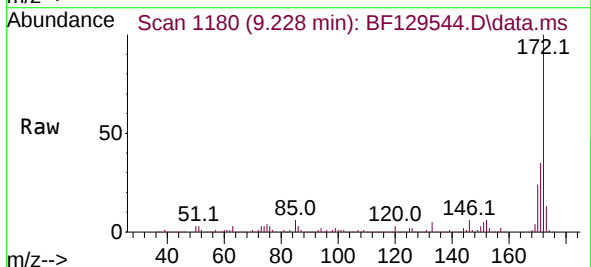
Tgt Ion:172 Resp: 1252738

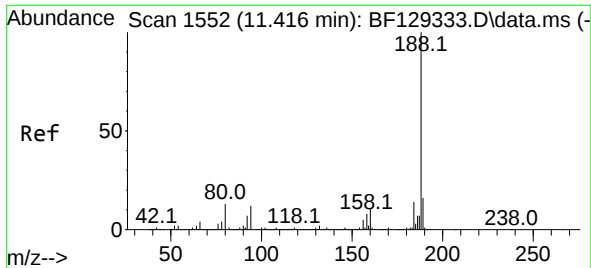
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8

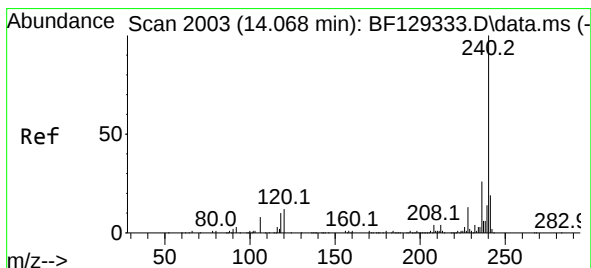
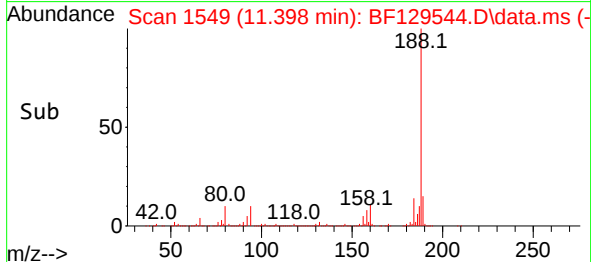
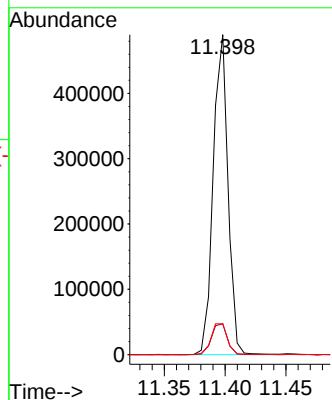
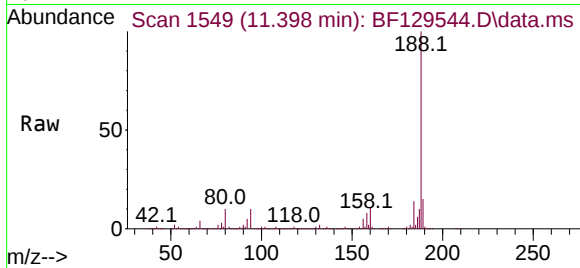




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

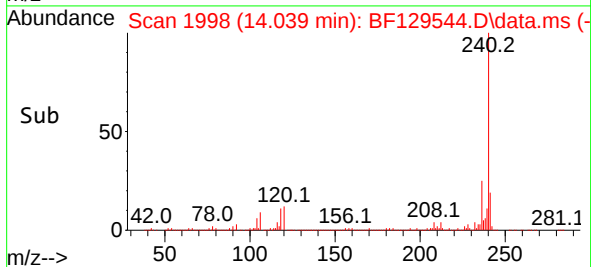
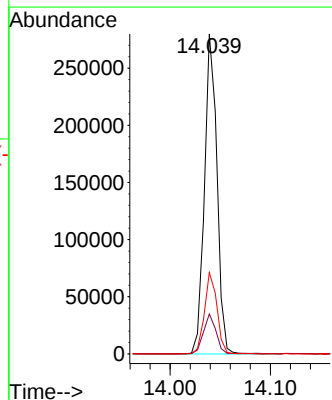
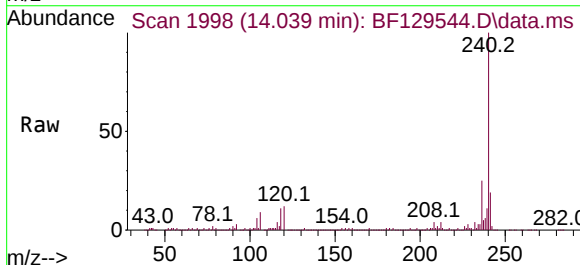
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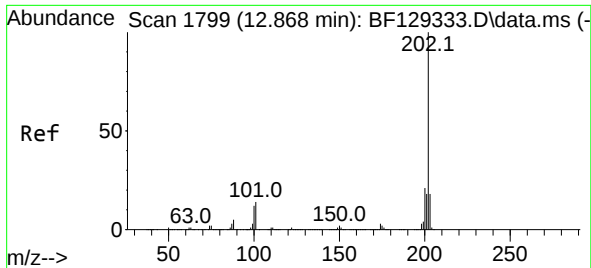
Tgt Ion:188 Resp: 412718
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:240 Resp: 241765
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.4 20.8 31.2

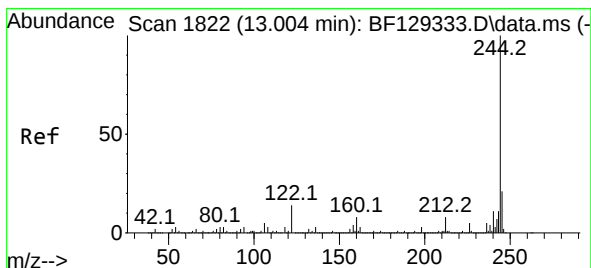
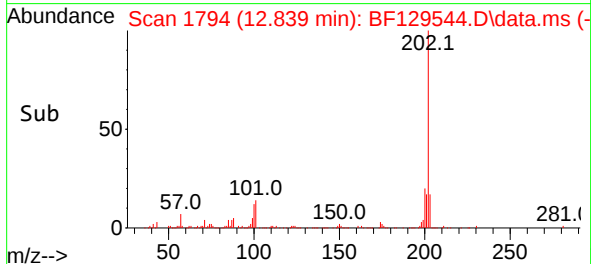
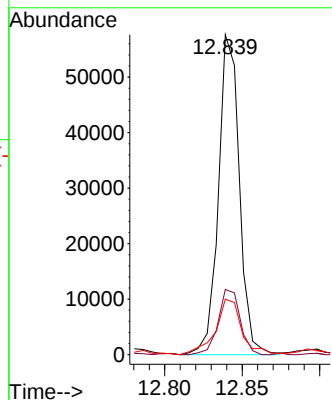
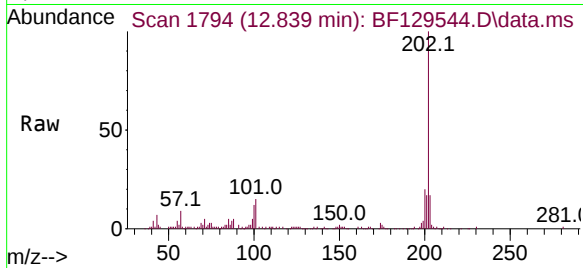




#78
 Pyrene
 Concen: 2.685 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

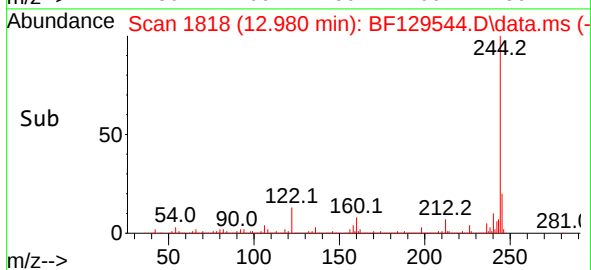
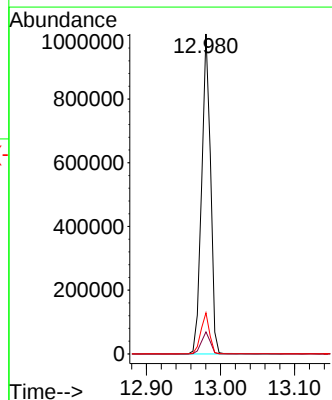
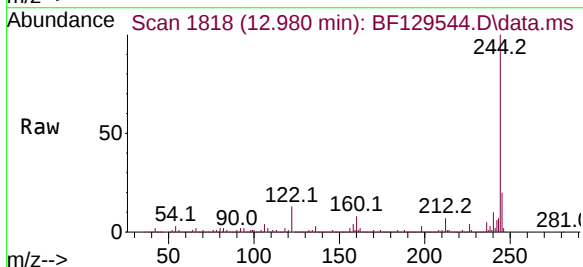
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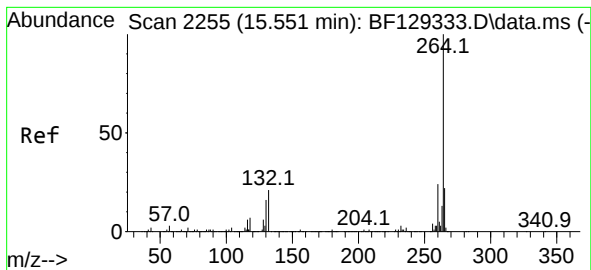
Tgt Ion:	202	Resp:	54286
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.7	26.5
203	17.3	14.6	21.8



#79
 Terphenyl-d14
 Concen: 65.383 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

Tgt Ion:	244	Resp:	837888
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	12.8	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion:264 Resp: 319203

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	17.2	25.8

