

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131789.D
 Acq On : 22 Dec 2022 21:51
 Operator : CG\JU
 Sample : N6183-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-3

Quant Time: Dec 23 03:35:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

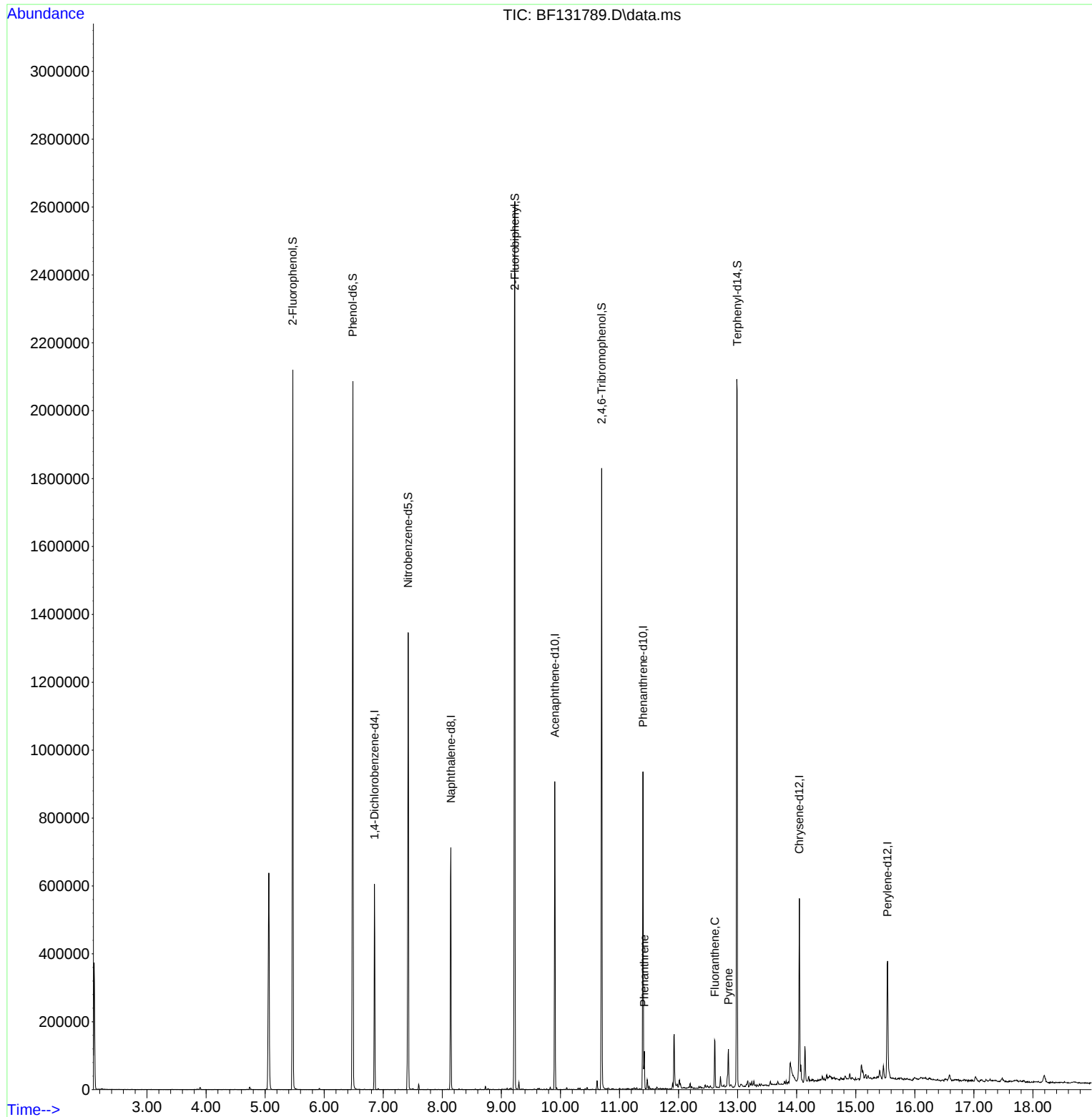
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80374	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	287019	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	165181	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	301822	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154887	20.000	ng	0.00
86) Perylene-d12	15.539	264	166642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	494378	103.575	ng	0.01
7) Phenol-d6	6.487	99	650222	101.210	ng	0.00
23) Nitrobenzene-d5	7.422	82	456163	64.520	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	178665	98.821	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	798424	67.711	ng	0.00
79) Terphenyl-d14	12.992	244	732679	73.725	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.422	178	34808	2.115	ng	96
75) Fluoranthene	12.616	202	57698	3.148	ng	98
78) Pyrene	12.845	202	45827	3.254	ng	98

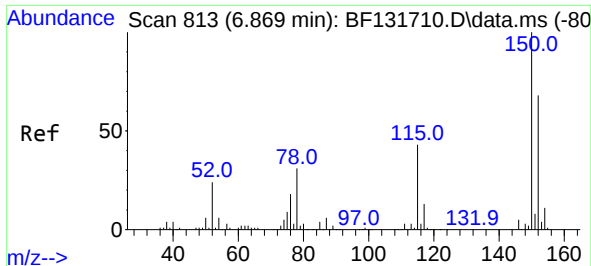
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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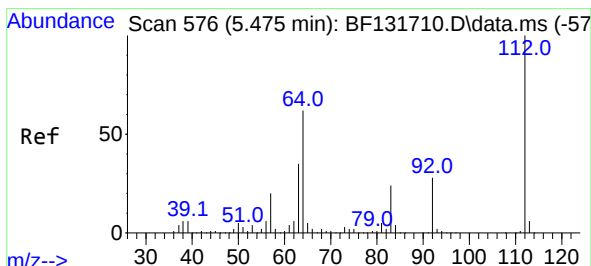
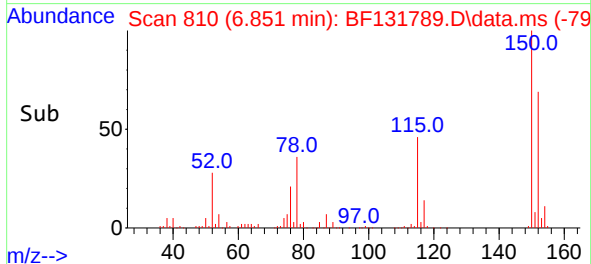
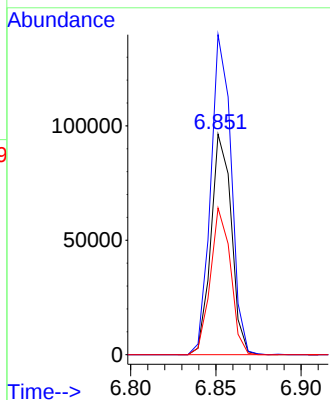
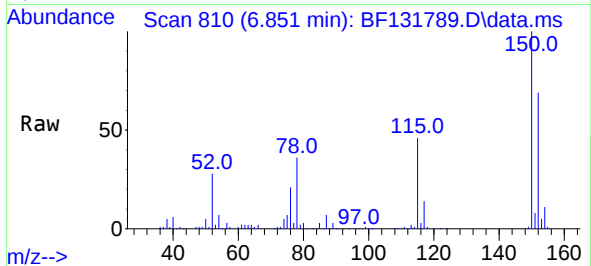




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

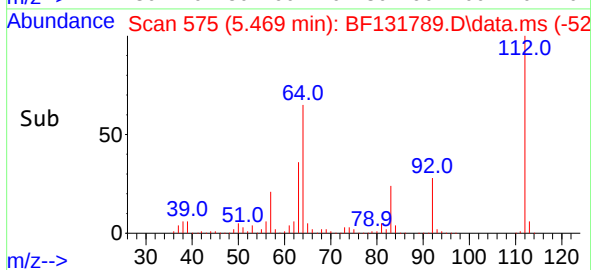
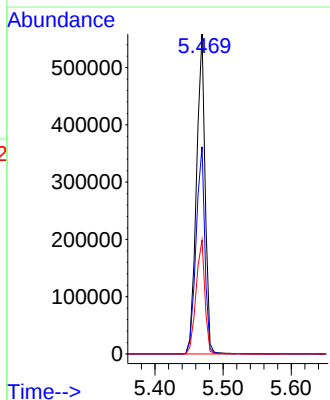
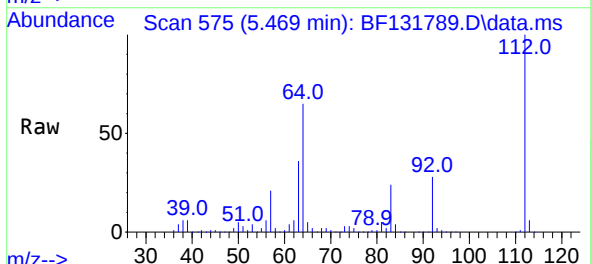
Instrument :
BNA_F
ClientSampleId :
R-3

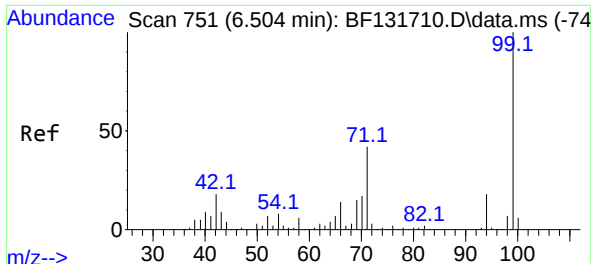
Tgt Ion:152 Resp: 80374
Ion Ratio Lower Upper
152 100
150 145.2 117.4 176.0
115 66.6 50.2 75.4



#5
2-Fluorophenol
Concen: 103.575 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion:112 Resp: 494378
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.6 28.2 42.2

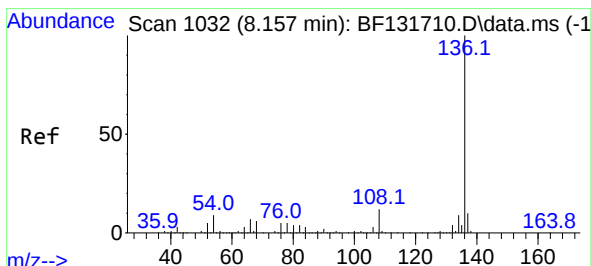
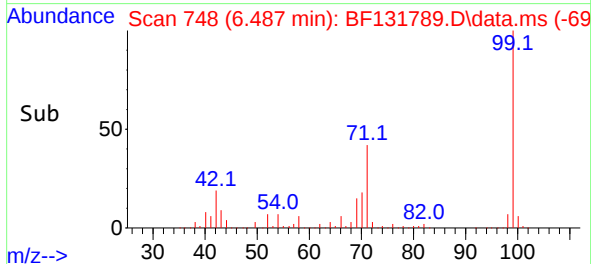
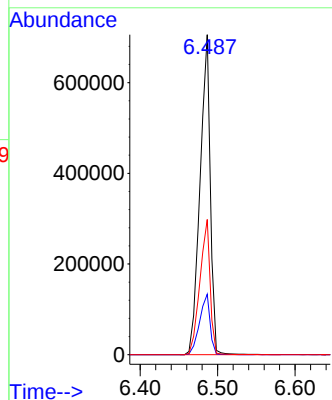
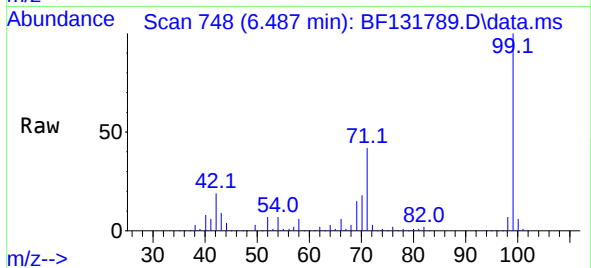




#7
Phenol-d6
Concen: 101.210 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

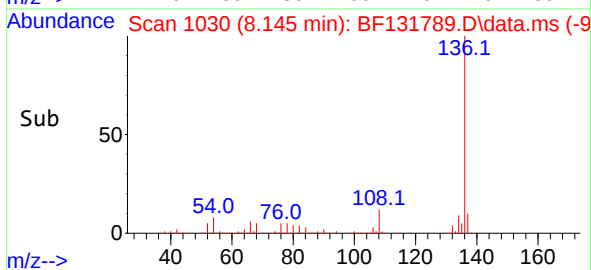
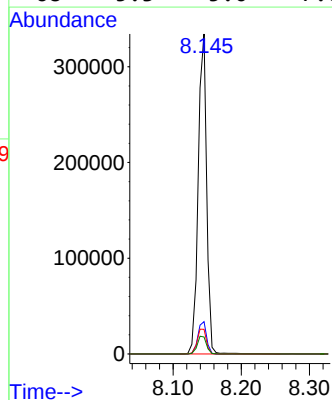
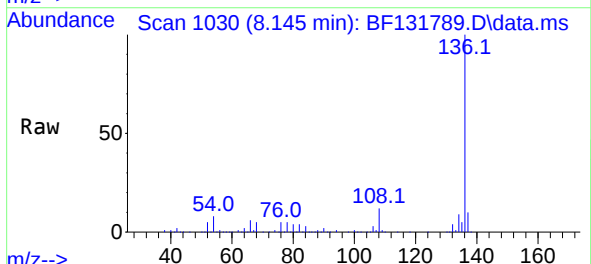
Instrument :
BNA_F
ClientSampleId :
R-3

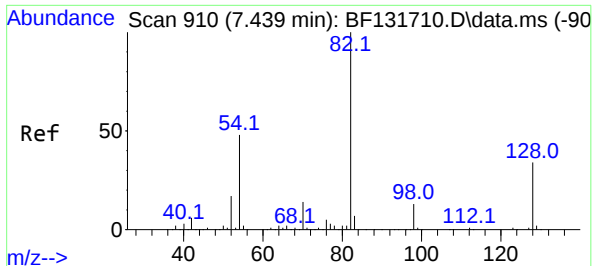
Tgt Ion: 99 Resp: 650222
Ion Ratio Lower Upper
99 100
42 18.9 14.8 22.2
71 42.2 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion: 136 Resp: 287019
Ion Ratio Lower Upper
136 100
137 10.1 8.4 12.6
54 7.7 7.2 10.8
68 5.3 5.0 7.6

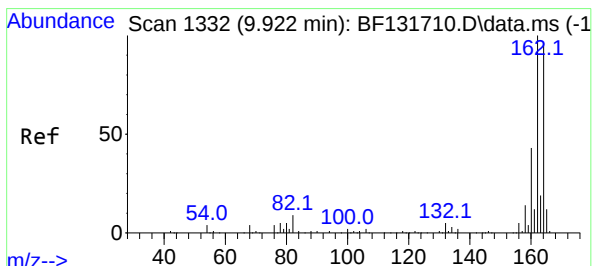
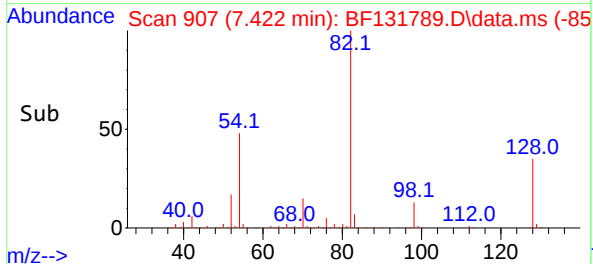
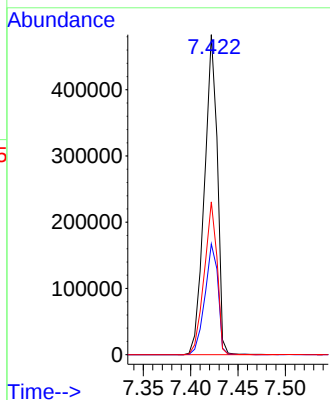
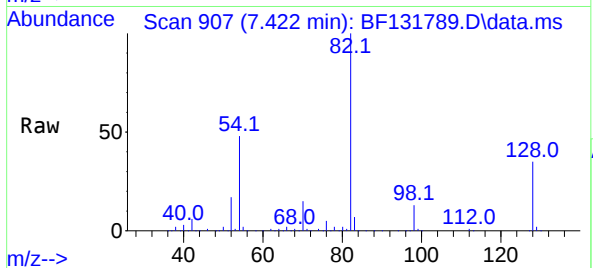




#23
Nitrobenzene-d5
Concen: 64.520 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

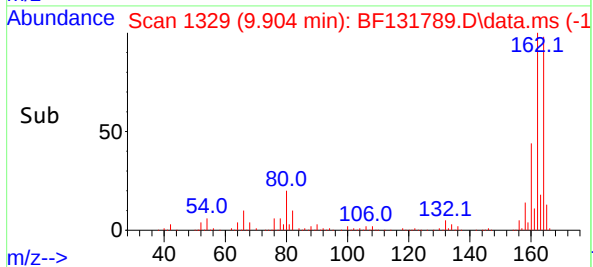
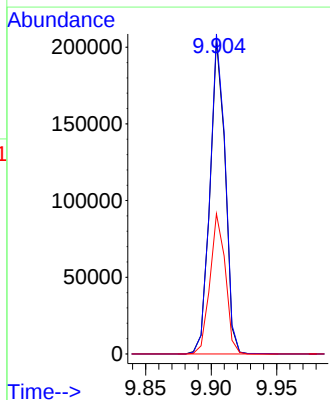
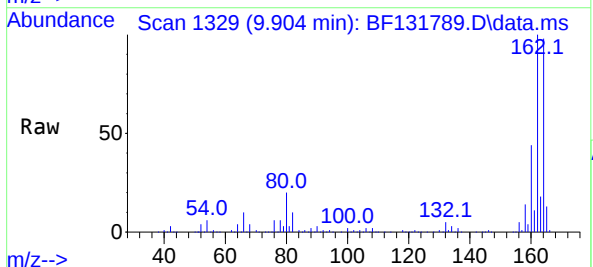
Instrument :
BNA_F
ClientSampleId :
R-3

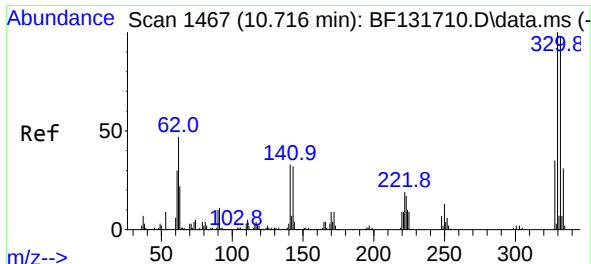
Tgt Ion: 82 Resp: 456163
Ion Ratio Lower Upper
82 100
128 34.6 27.3 40.9
54 47.7 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion:164 Resp: 165181
Ion Ratio Lower Upper
164 100
162 101.9 83.7 125.5
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 98.821 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131789.D

Acq: 22 Dec 2022 21:51

Instrument :

BNA_F

ClientSampleId :

R-3

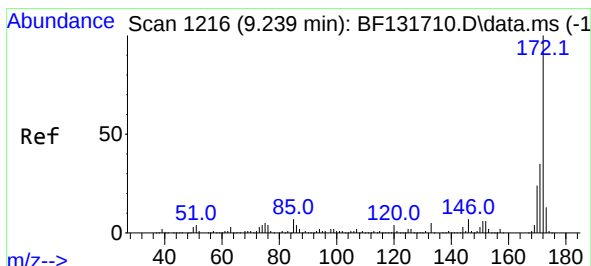
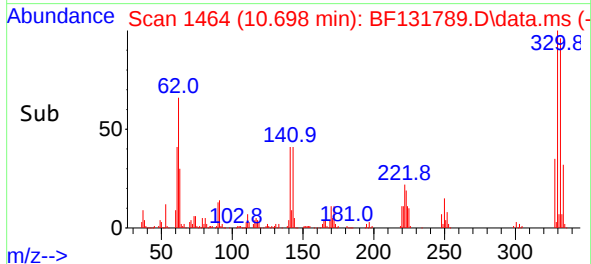
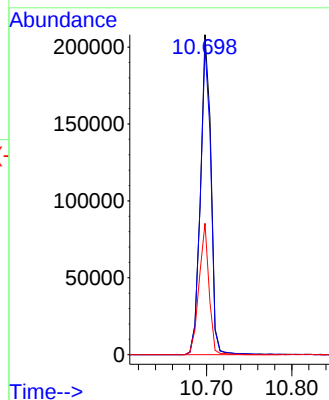
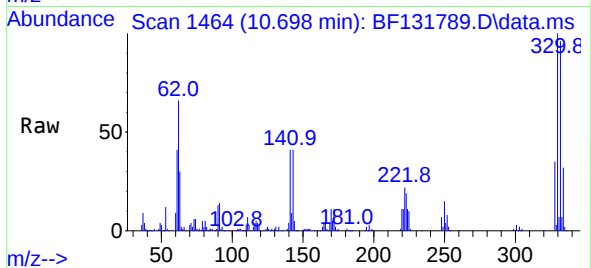
Tgt Ion:330 Resp: 178665

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 38.9 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 67.711 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF131789.D

Acq: 22 Dec 2022 21:51

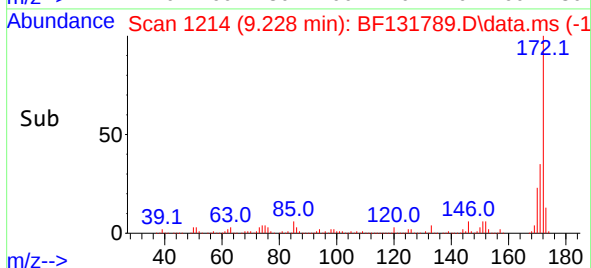
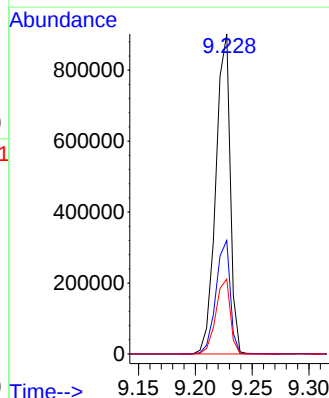
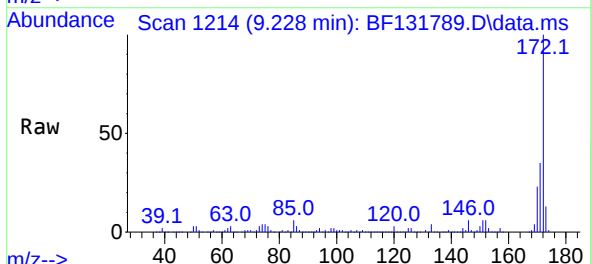
Tgt Ion:172 Resp: 798424

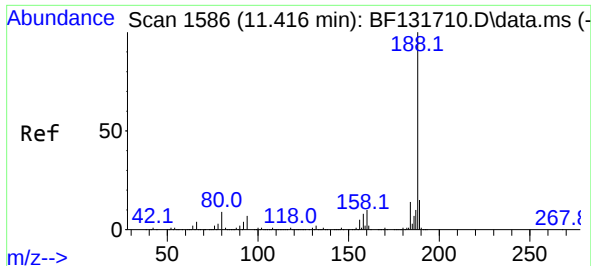
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.4 19.0 28.4

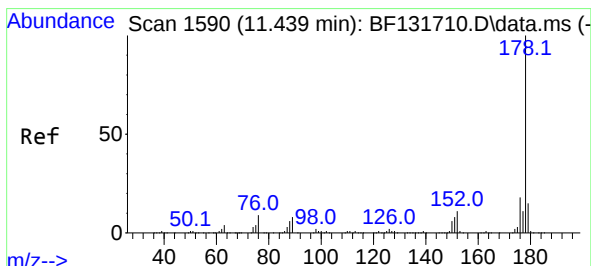
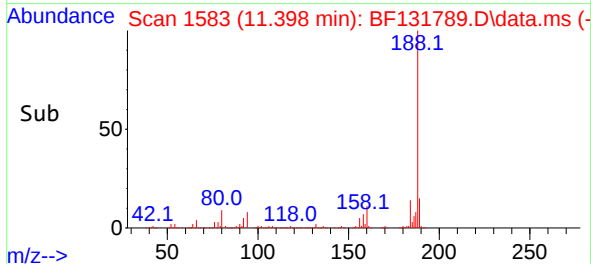
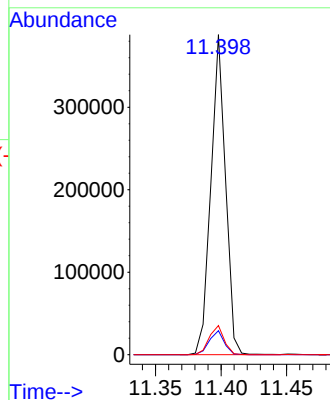
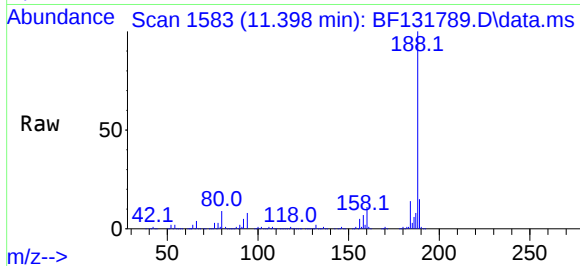




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

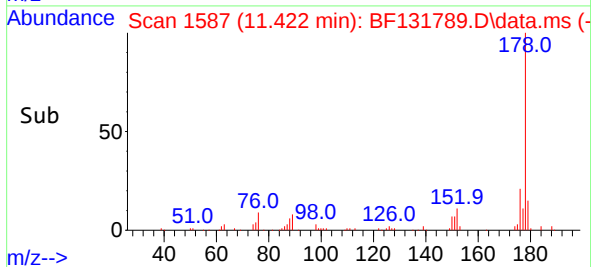
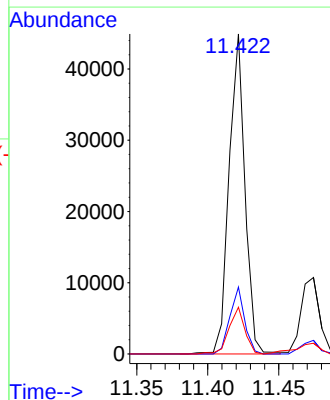
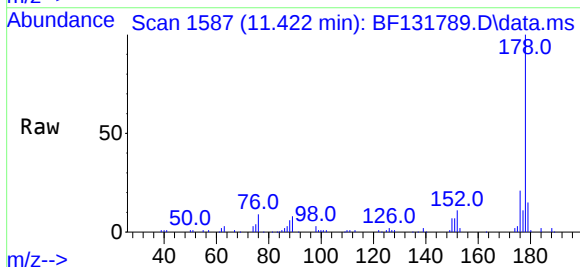
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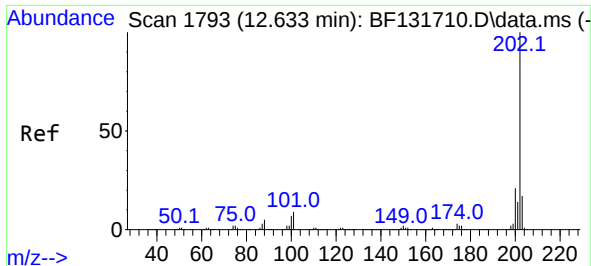
Tgt Ion:188 Resp: 301822
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 9.1 7.0 10.6



#71
Phenanthrene
Concen: 2.115 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion:178 Resp: 34808
Ion Ratio Lower Upper
178 100
176 20.9 14.8 22.2
179 14.6 12.2 18.4

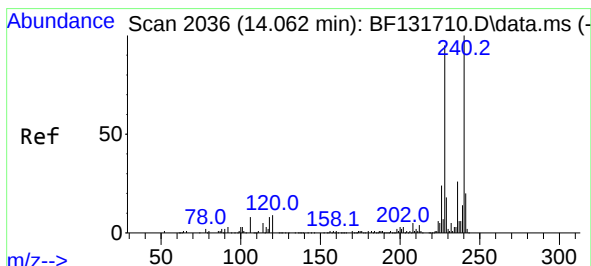
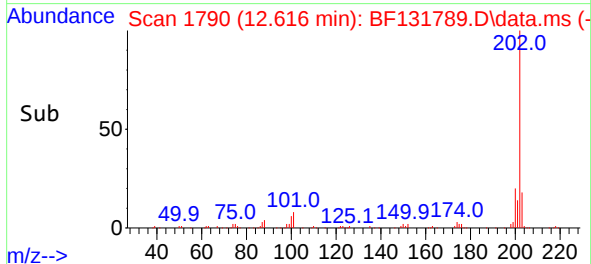
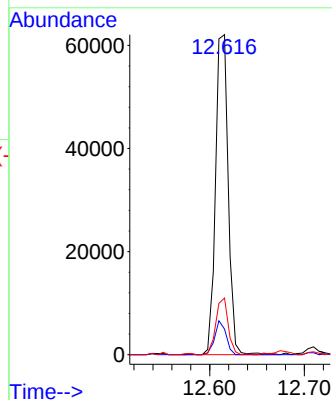
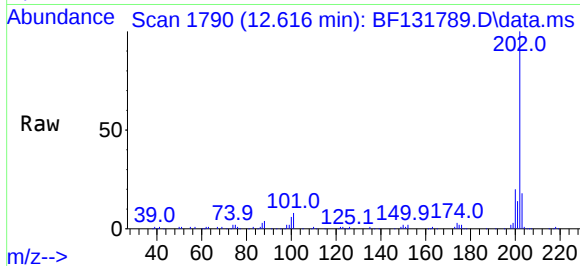




#75
Fluoranthene
Concen: 3.148 ng
RT: 12.616 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

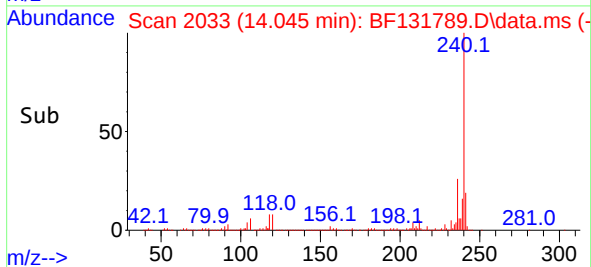
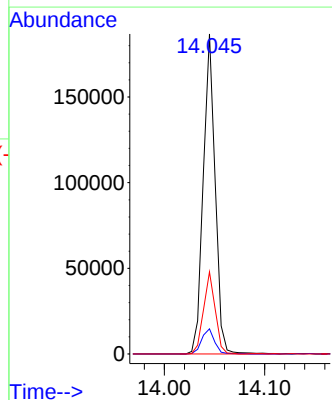
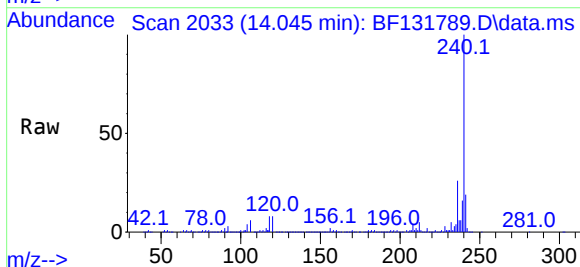
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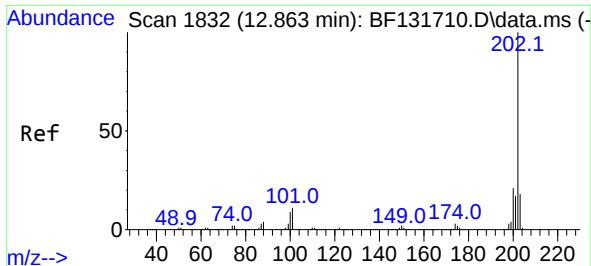
Tgt Ion:202 Resp: 57698
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.8
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion:240 Resp: 154887
Ion Ratio Lower Upper
240 100
120 7.8 7.6 11.4
236 25.6 21.2 31.8

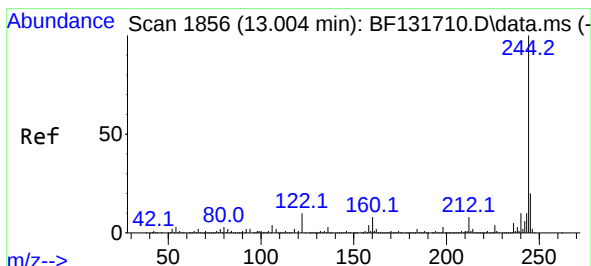
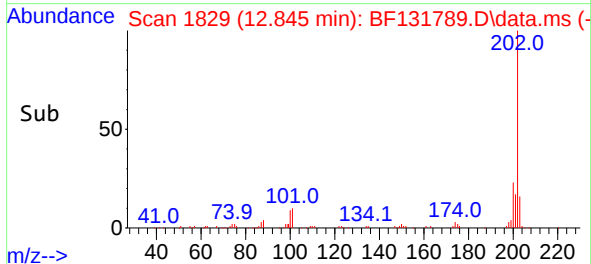
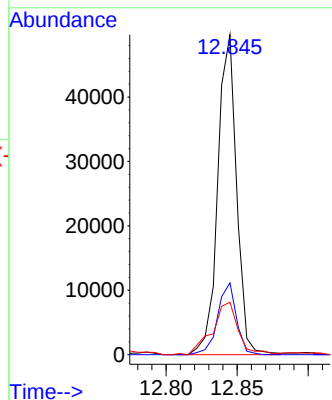
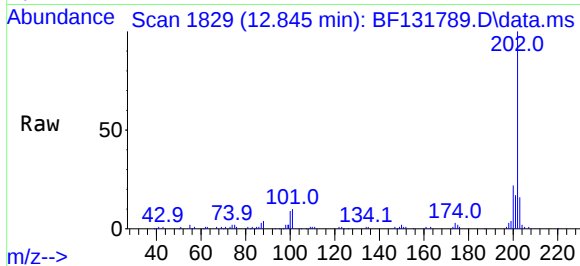




#78
Pyrene
Concen: 3.254 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

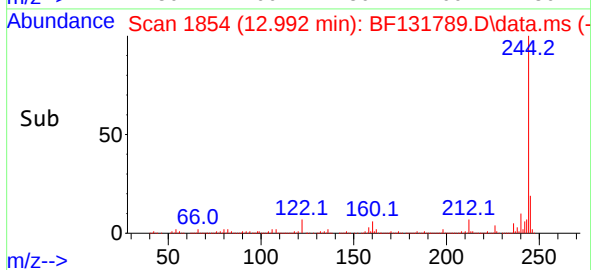
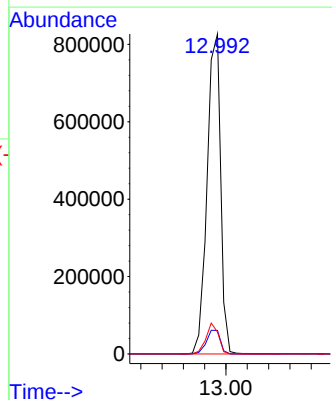
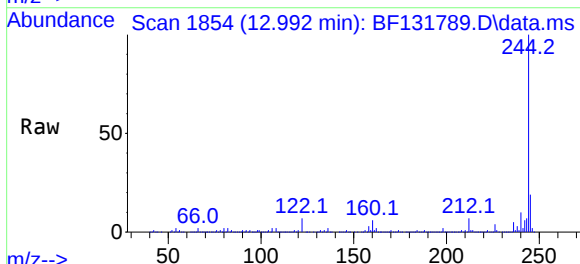
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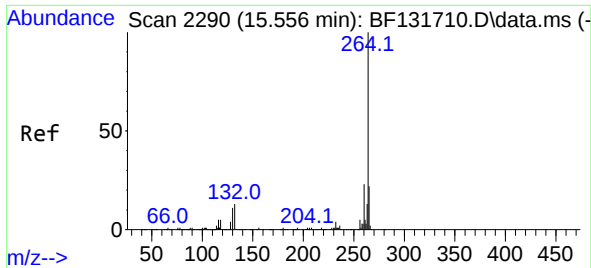
Tgt Ion:202 Resp: 45827
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 16.4 14.1 21.1



#79
Terphenyl-d14
Concen: 73.725 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131789.D
Acq: 22 Dec 2022 21:51

Tgt Ion:244 Resp: 732679
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.8 7.7 11.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131789.D
 Acq: 22 Dec 2022 21:51

Instrument :
 BNA_F
 ClientSampleId :
 R-3

Tgt Ion:264 Resp: 166642
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 21.2 17.4 26.2

