

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135129.D
 Acq On : 07 Sep 2023 12:09
 Operator : CG\JU
 Sample : 04264-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Quant Time: Sep 07 12:41:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89887	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	364777	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	187961	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	325375	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	166447	20.000	ng	0.00
86) Perylene-d12	15.427	264	178645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	534537	91.855	ng	0.00
7) Phenol-d6	6.410	99	651889	89.873	ng	0.00
23) Nitrobenzene-d5	7.334	82	401735	61.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	179343	89.947	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	653091	56.570	ng	-0.01
79) Terphenyl-d14	12.898	244	543724	53.308	ng	0.00

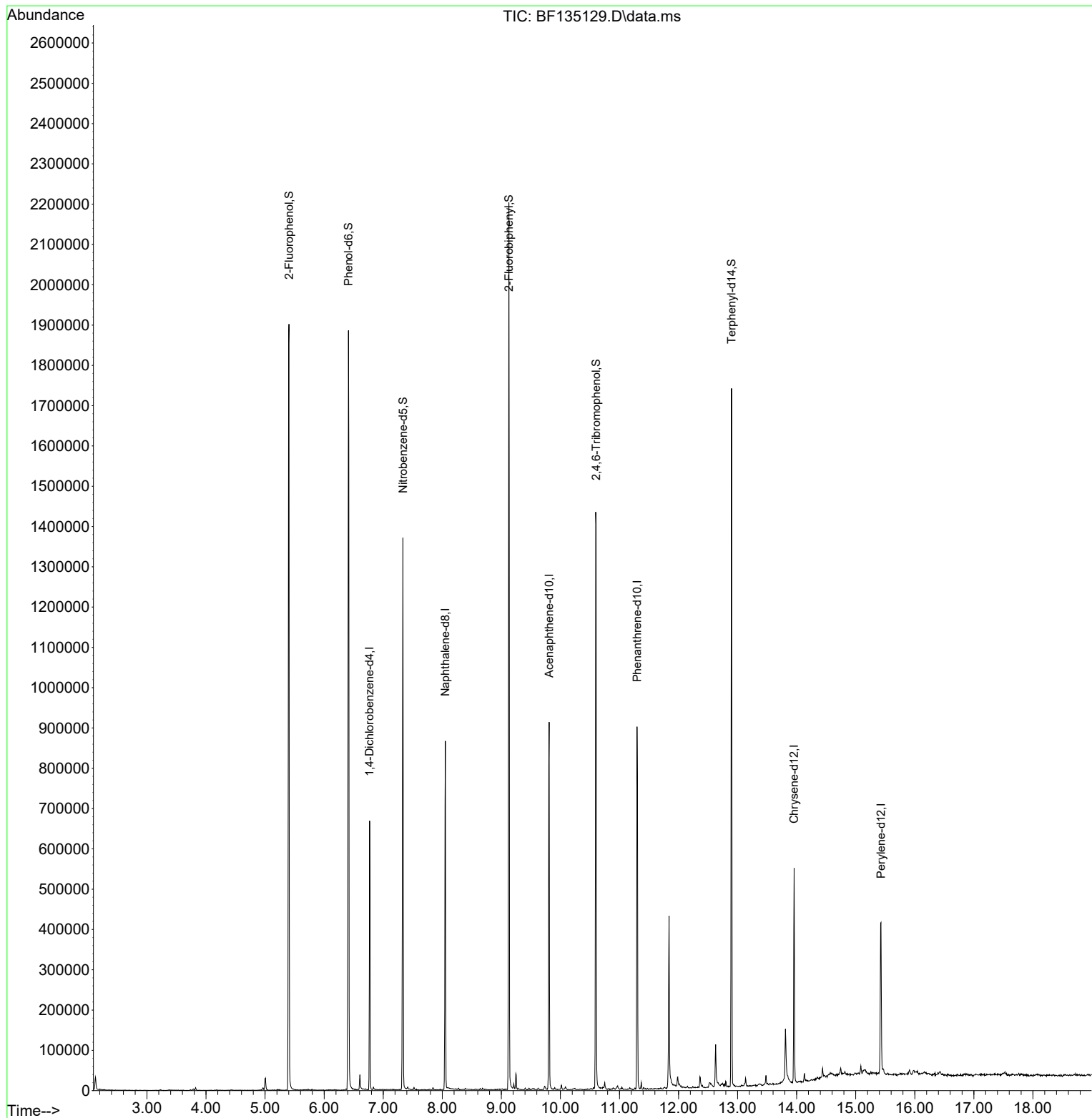
Target Compounds	Qvalue

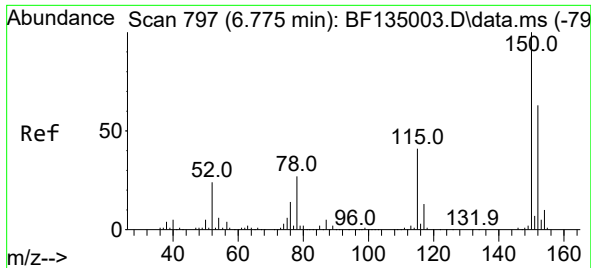
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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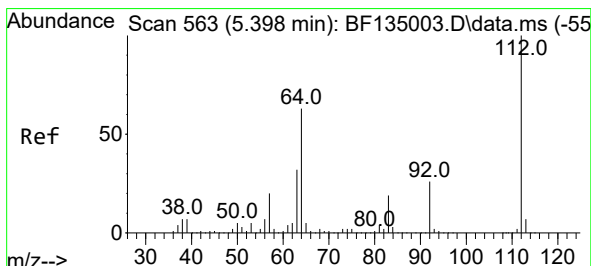
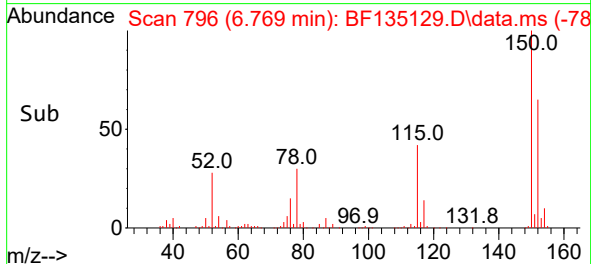
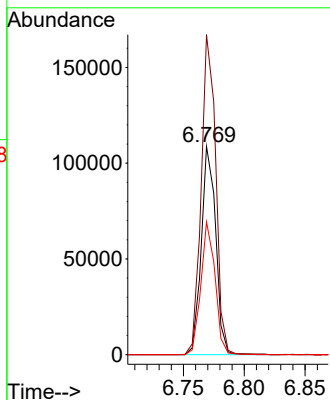
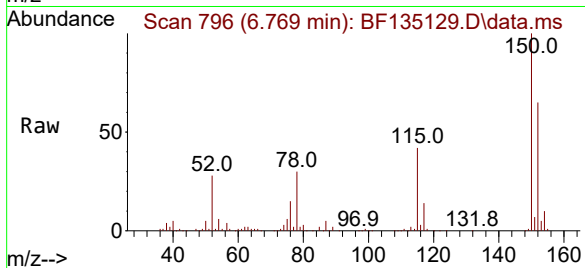




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

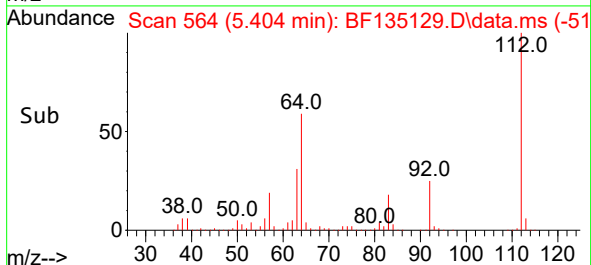
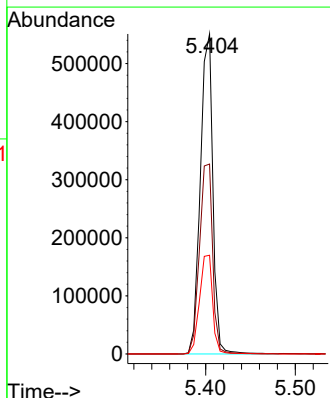
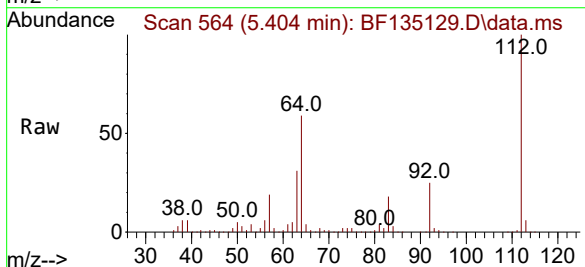
Instrument :
BNA_F
ClientSampleId :
VNJ-206

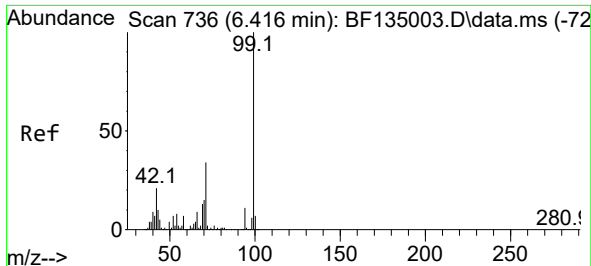
Tgt Ion:152 Resp: 89887
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.4
115 63.8 51.2 76.8



#5
2-Fluorophenol
Concen: 91.855 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:112 Resp: 534537
Ion Ratio Lower Upper
112 100
64 59.4 50.5 75.7
63 30.9 25.9 38.9

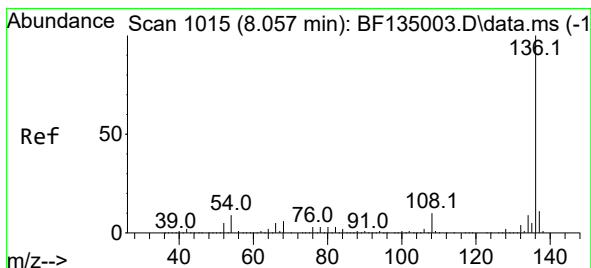
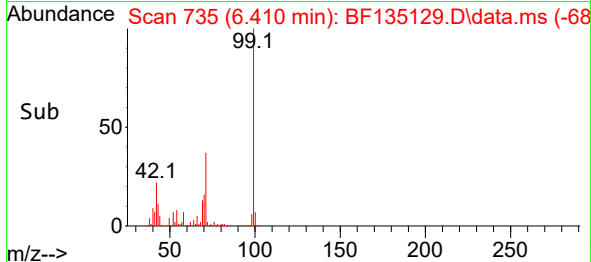
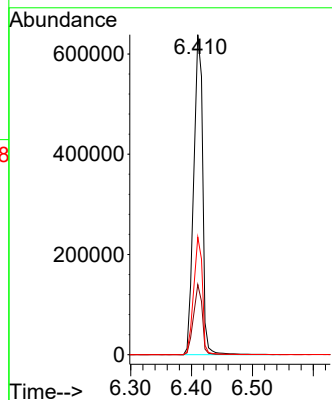
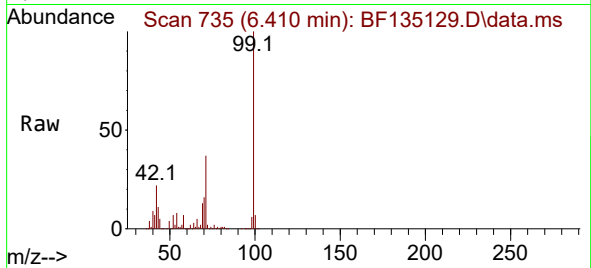




#7
Phenol-d6
Concen: 89.873 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

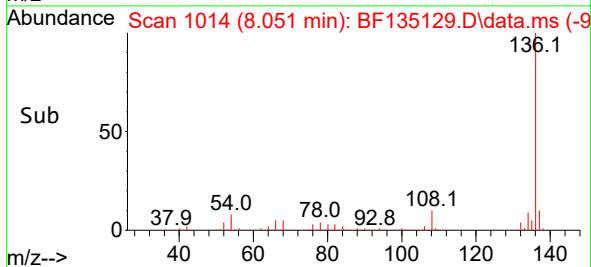
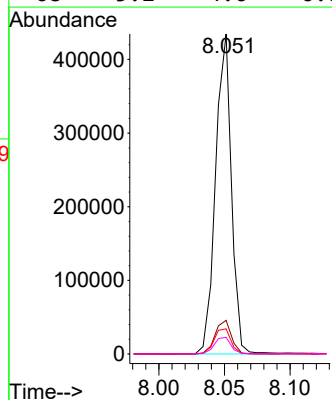
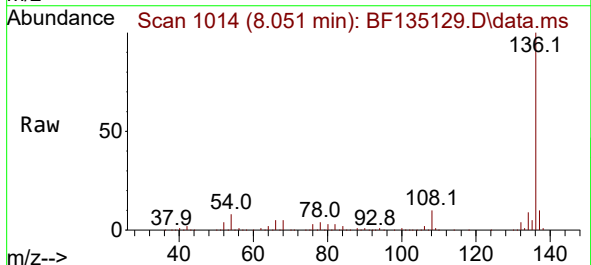
Instrument :
BNA_F
ClientSampleId :
VNJ-206

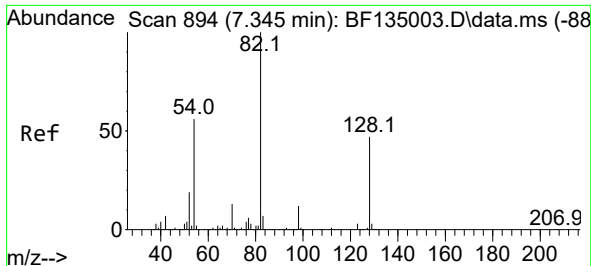
Tgt Ion: 99 Resp: 651889
Ion Ratio Lower Upper
99 100
42 21.9 16.6 25.0
71 36.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion: 136 Resp: 364777
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.0 10.4
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 61.873 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

Instrument :

BNA_F

ClientSampleId :

VNJ-206

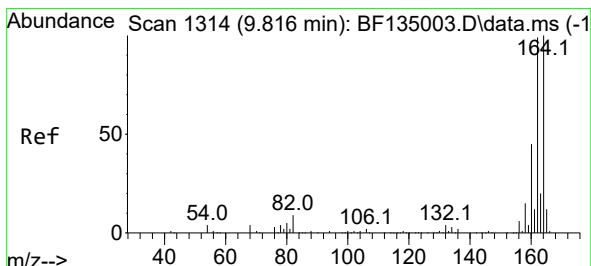
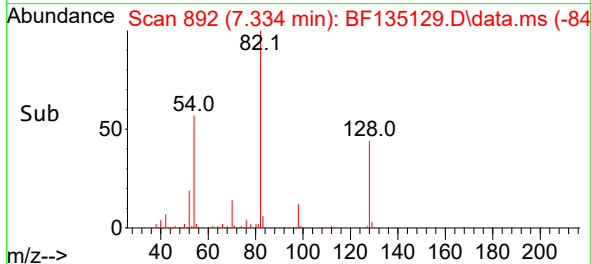
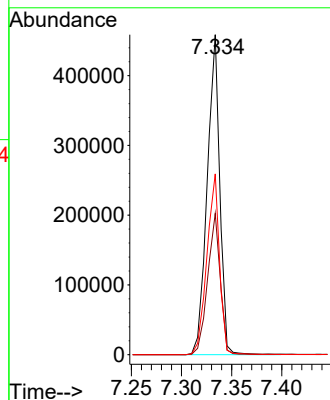
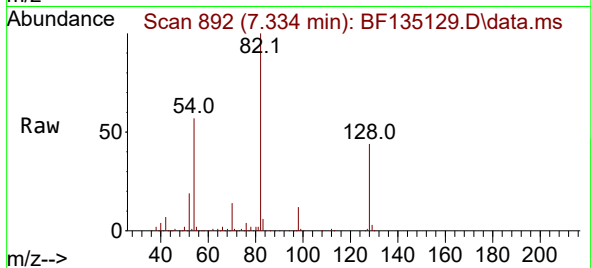
Tgt Ion: 82 Resp: 401735

Ion Ratio Lower Upper

82 100

128 44.2 37.8 56.8

54 56.5 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

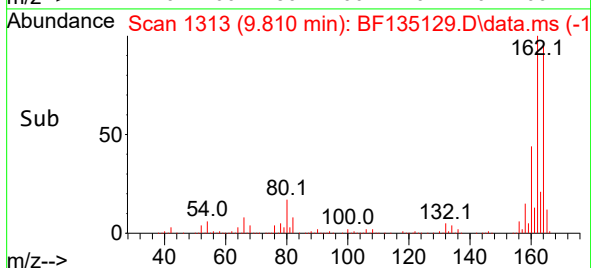
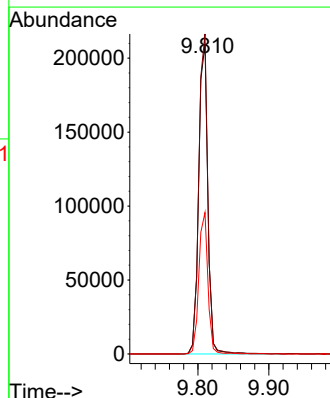
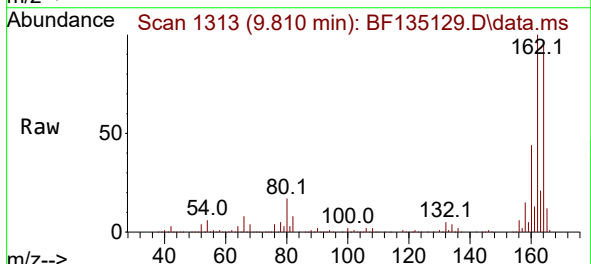
Tgt Ion:164 Resp: 187961

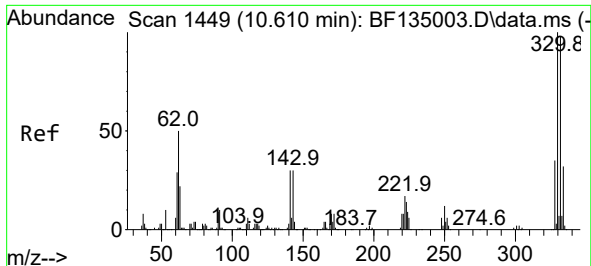
Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

160 45.6 36.0 54.0

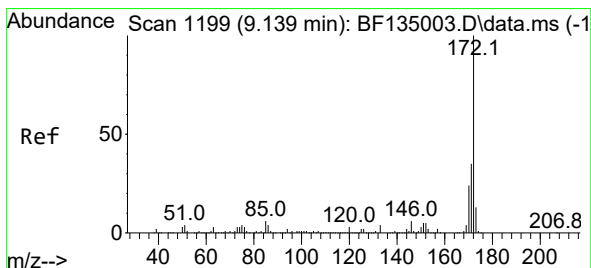
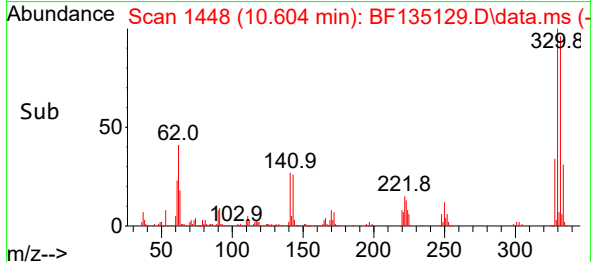
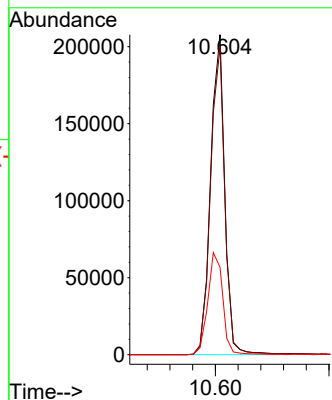
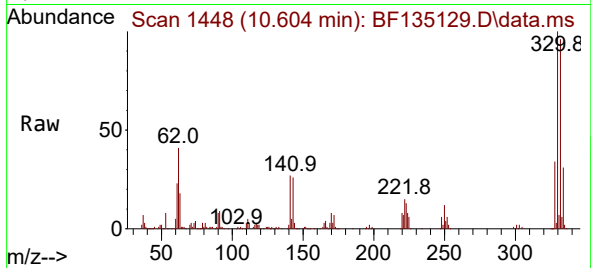




#42
2,4,6-Tribromophenol
Concen: 89.947 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

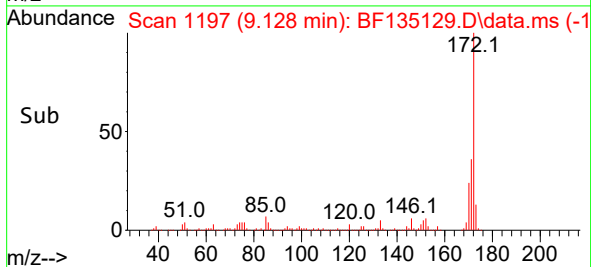
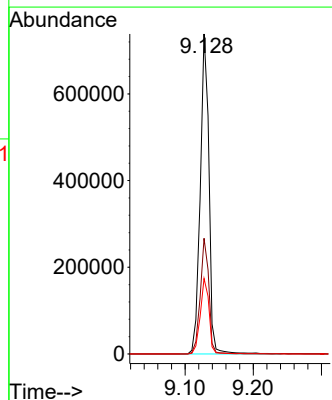
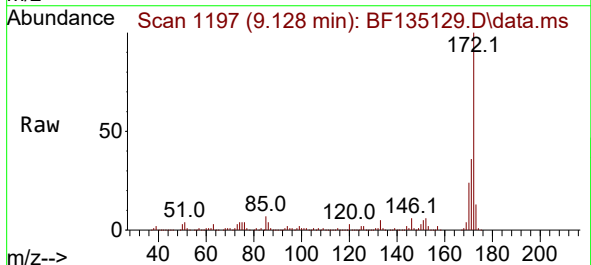
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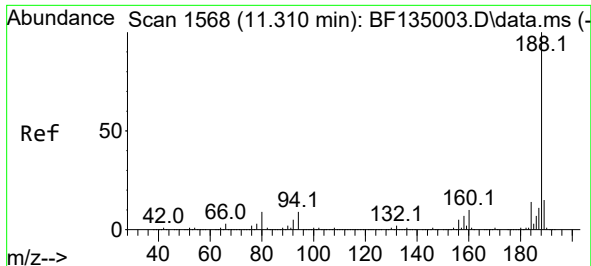
Tgt Ion:330 Resp: 179343
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 33.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 56.570 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:172 Resp: 653091
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.6 19.0 28.4

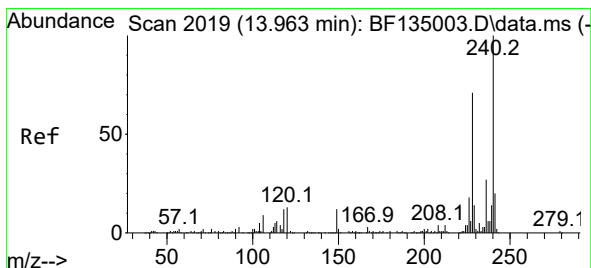
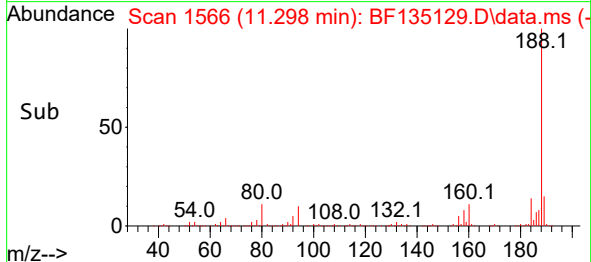
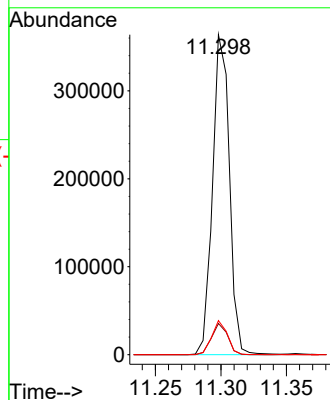
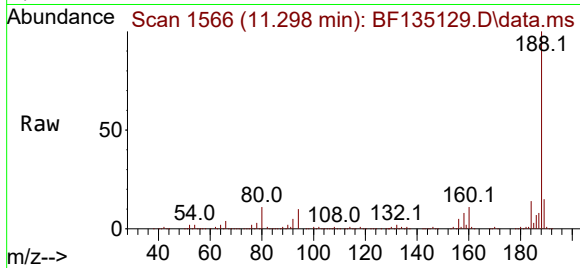




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

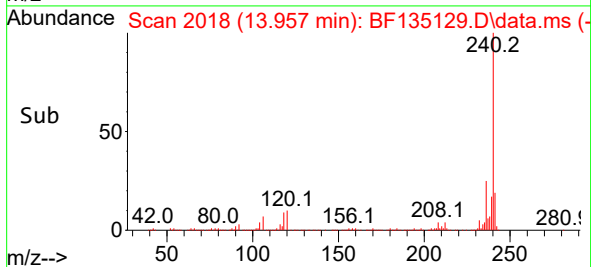
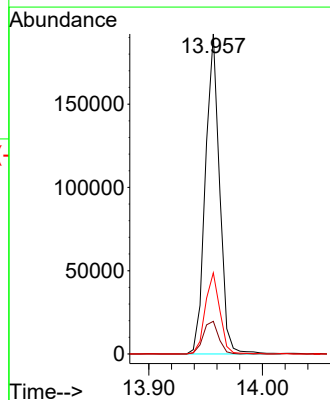
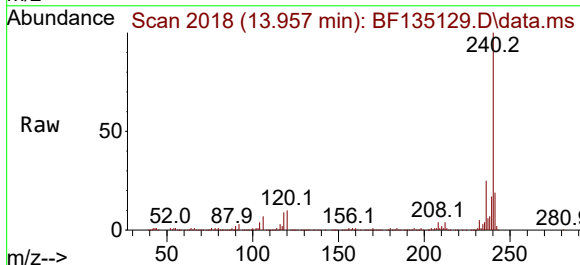
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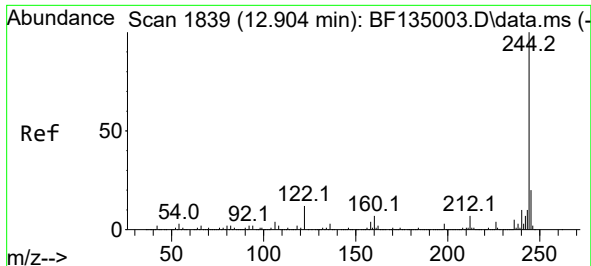
Tgt Ion:188 Resp: 325375
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:240 Resp: 166447
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.2
236 25.4 21.3 31.9

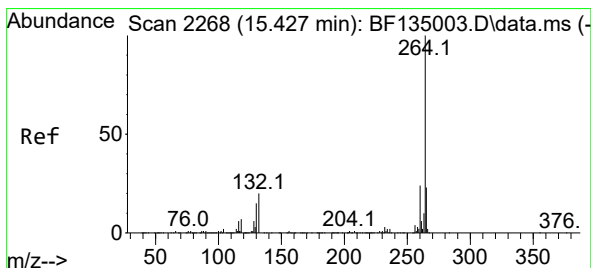
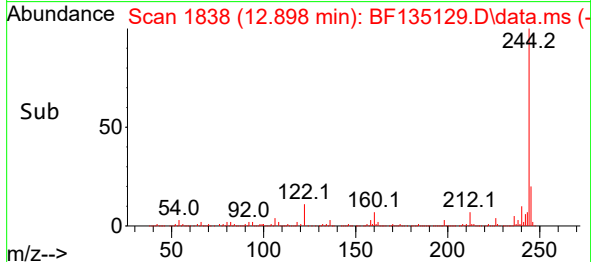
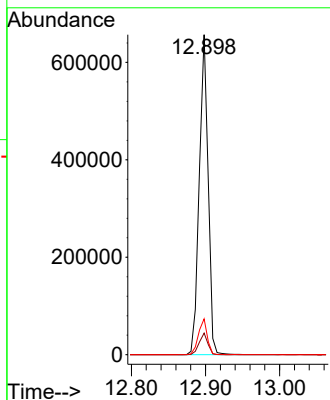
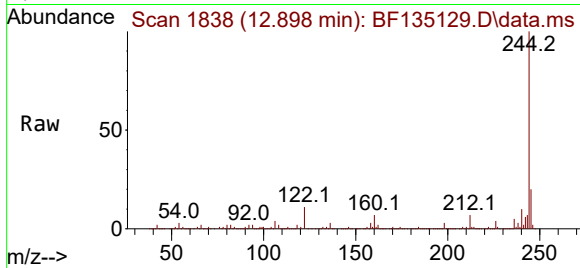




#79
 Terphenyl-d14
 Concen: 53.308 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135129.D
 Acq: 07 Sep 2023 12:09

Instrument :
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 ClientSampleId :
 VNJ-206

Tgt Ion:244 Resp: 543724
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135129.D
 Acq: 07 Sep 2023 12:09

Tgt Ion:264 Resp: 178645
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.2 18.2 27.2

