

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135499.D
 Acq On : 28 Sep 2023 18:07
 Operator : CG\JU
 Sample : 04620-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-PAD

Quant Time: Sep 29 00:25:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

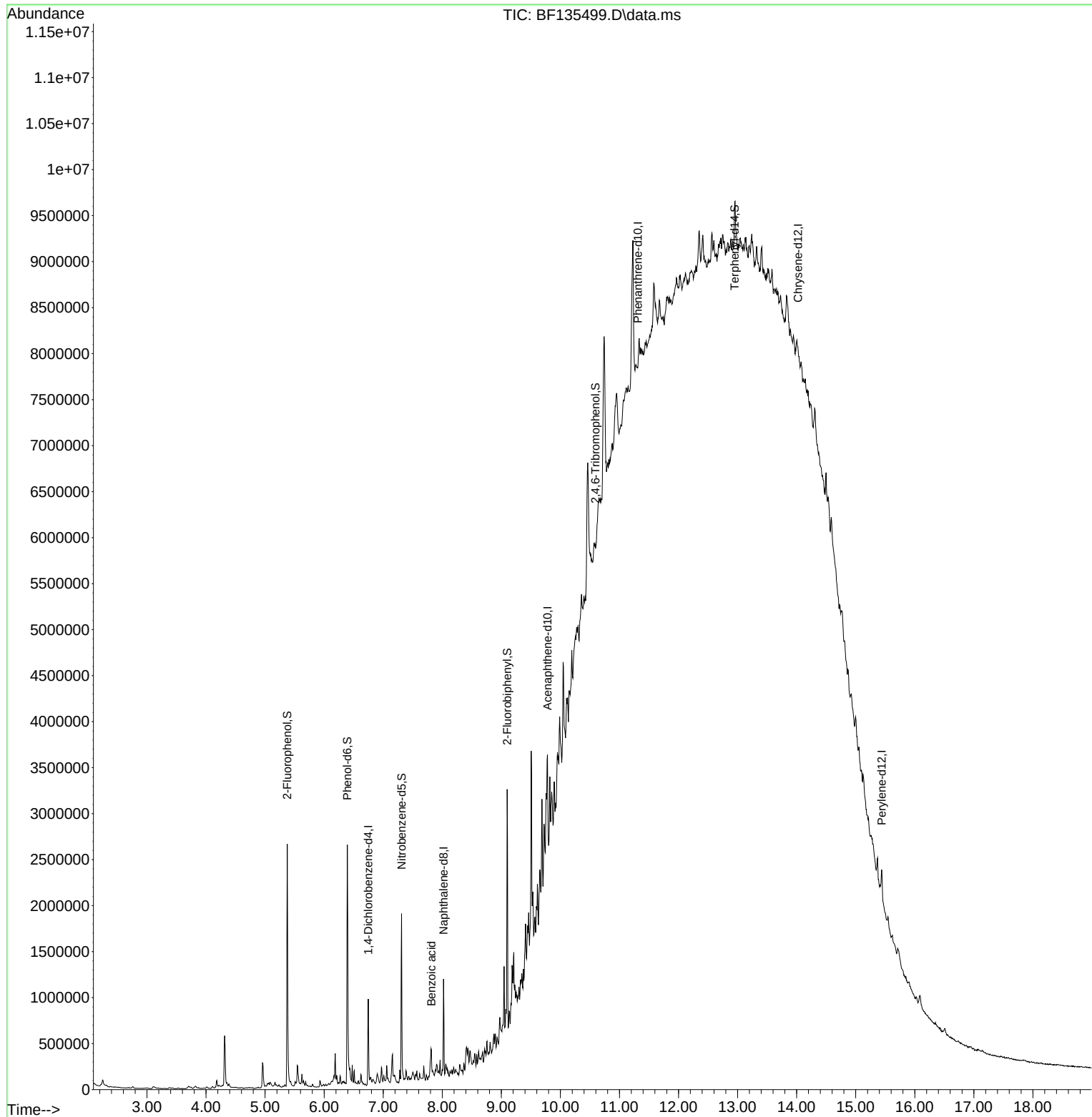
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	122683	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	409594	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	149435	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	131289	20.000	ng	# 0.04
76) Chrysene-d12	14.021	240	91157	20.000	ng	# 0.09
86) Perylene-d12	15.439	264	151376	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	763487	101.218	ng	0.00
7) Phenol-d6	6.393	99	928278	96.783	ng	0.00
23) Nitrobenzene-d5	7.310	82	517414	68.631	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	107081	72.107	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	813548	82.137	ng	0.00
79) Terphenyl-d14	12.951	244	273537	46.517	ng	0.08
Target Compounds						
32) Benzoic acid	7.816	122	39156	8.650	ng	Qvalue 97

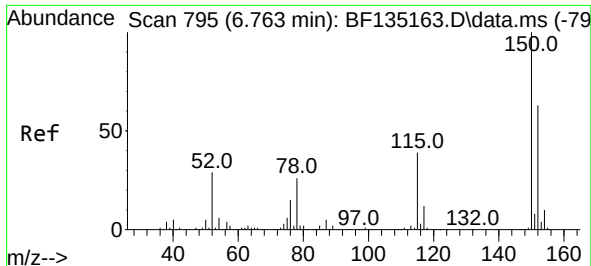
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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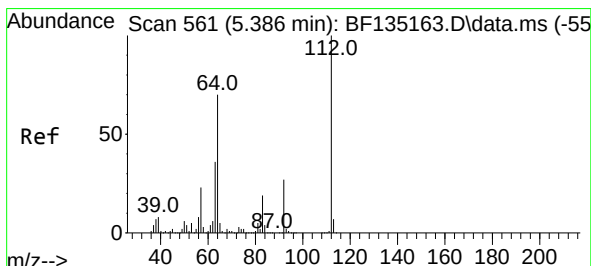
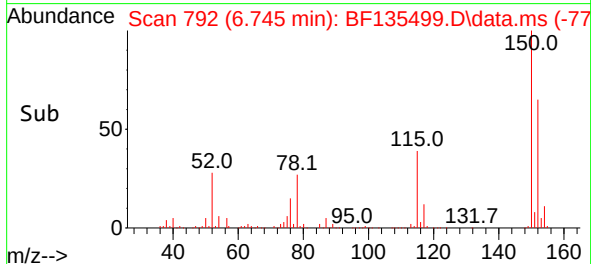
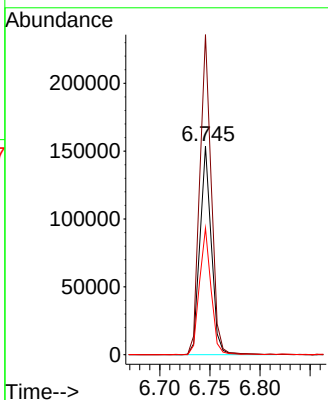
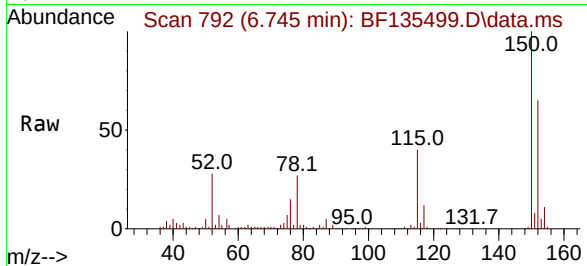




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

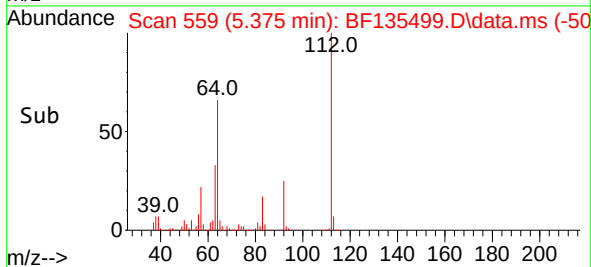
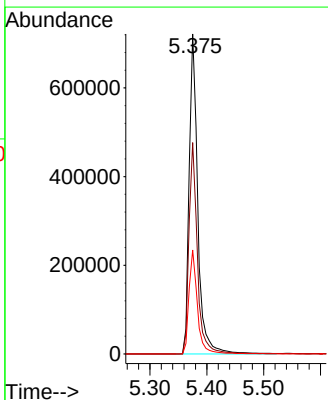
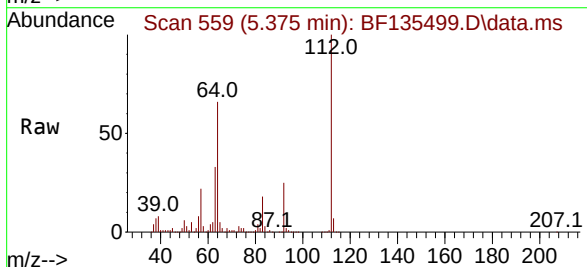
Instrument :
BNA_F
ClientSampleId :
CON-PAD

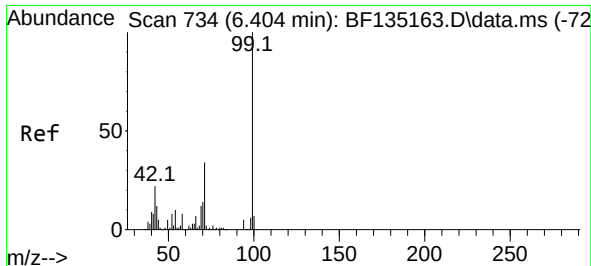
Tgt Ion:152 Resp: 122683
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 101.218 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:112 Resp: 763487
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 32.5 29.0 43.6

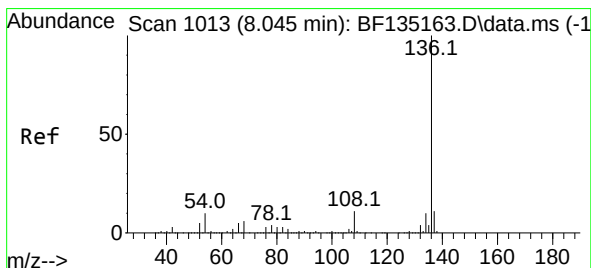
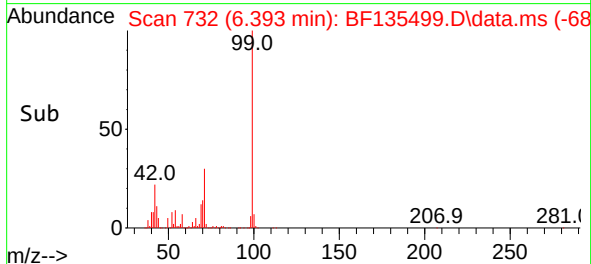
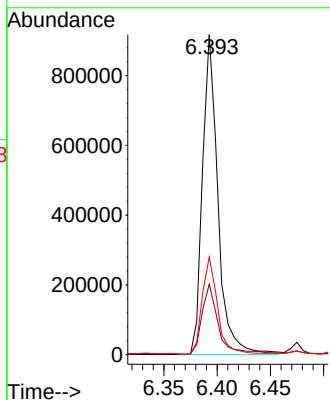
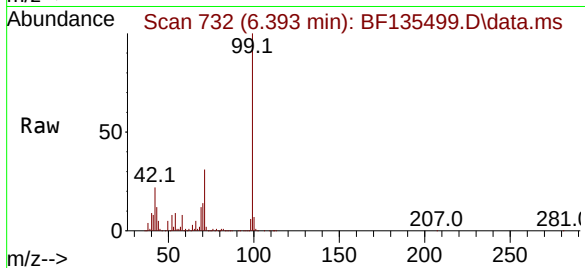




#7
Phenol-d6
Concen: 96.783 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

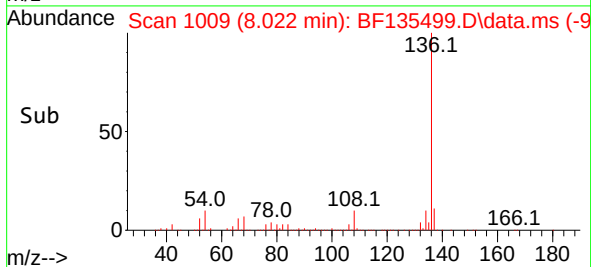
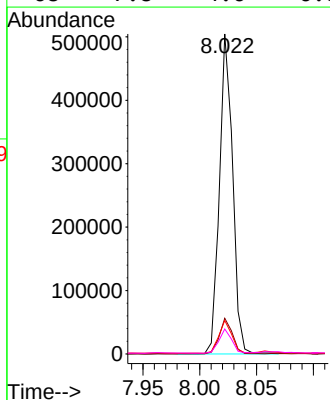
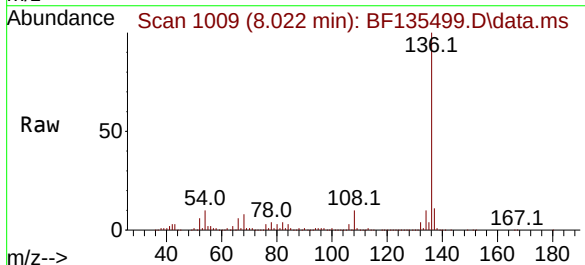
Instrument :
BNA_F
ClientSampleId :
CON-PAD

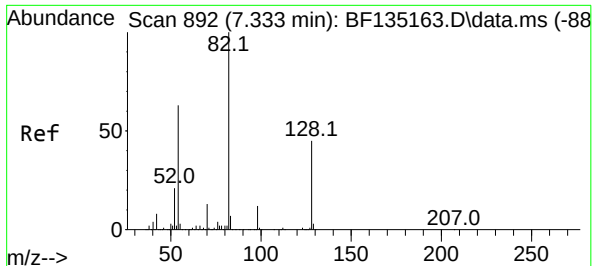
Tgt Ion: 99 Resp: 928278
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 30.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 136 Resp: 409594
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.4 7.7 11.5
68 7.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 68.631 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD

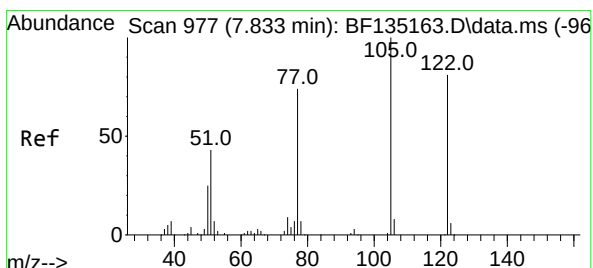
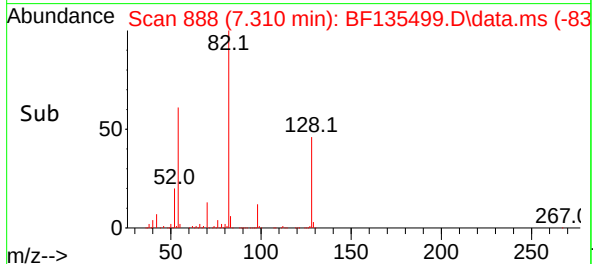
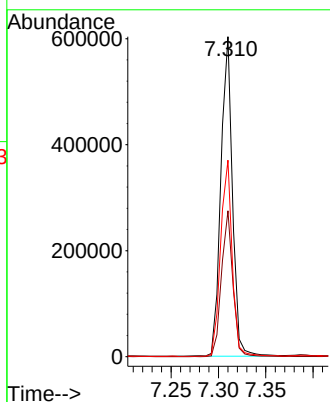
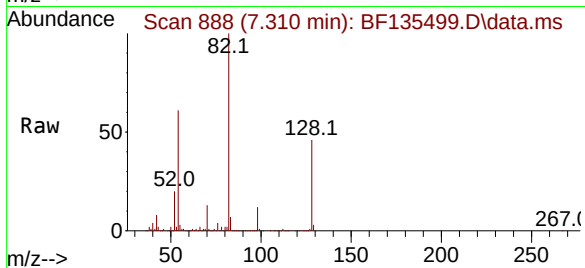
Tgt Ion: 82 Resp: 517414

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 61.4 50.6 76.0



#32

Benzoic acid

Concen: 8.650 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.012 min

Lab File: BF135499.D

Acq: 28 Sep 2023 18:07

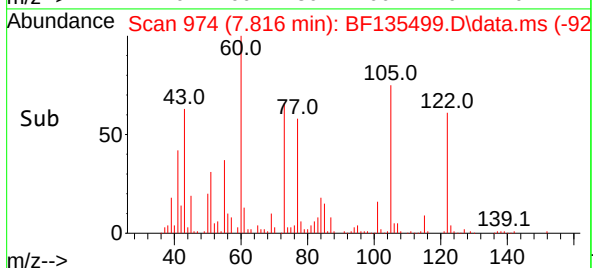
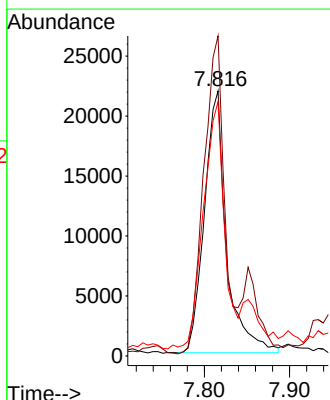
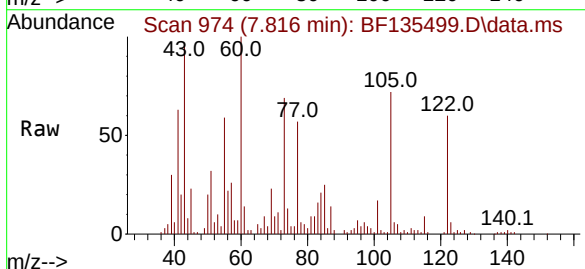
Tgt Ion: 122 Resp: 39156

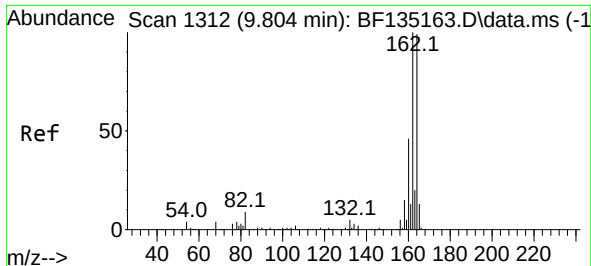
Ion Ratio Lower Upper

122 100

105 120.8 99.9 139.9

77 96.1 70.0 110.0

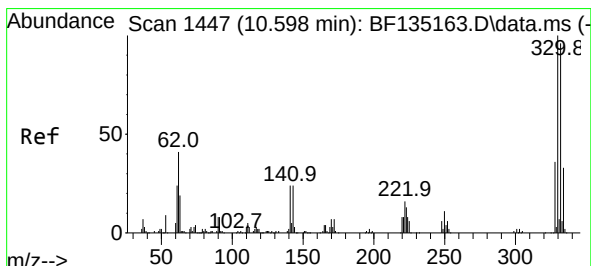
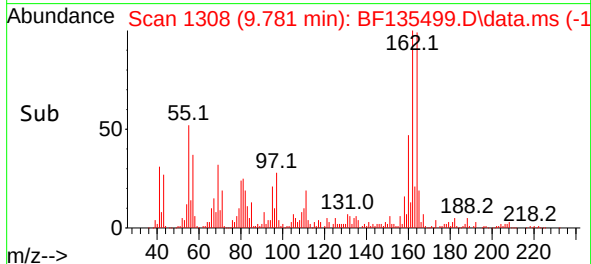
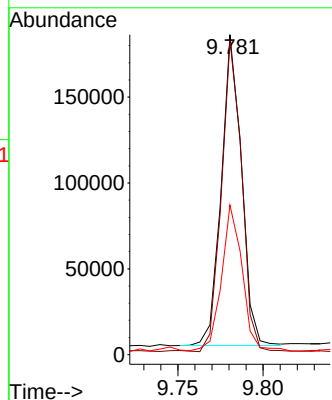
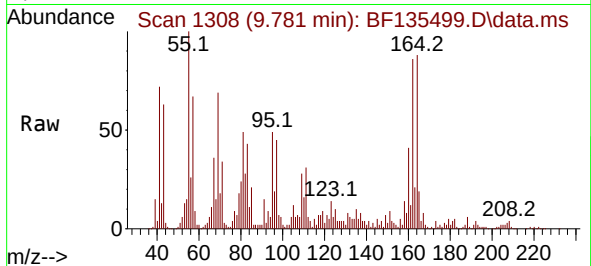




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

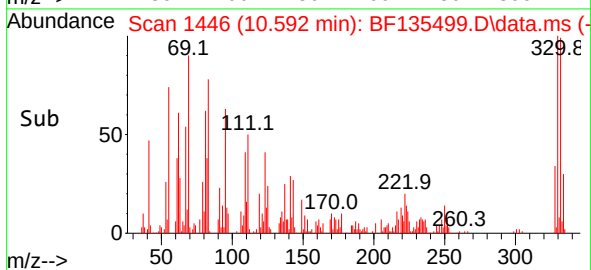
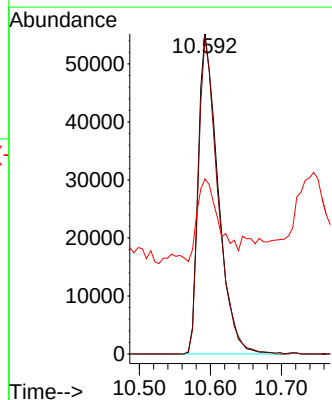
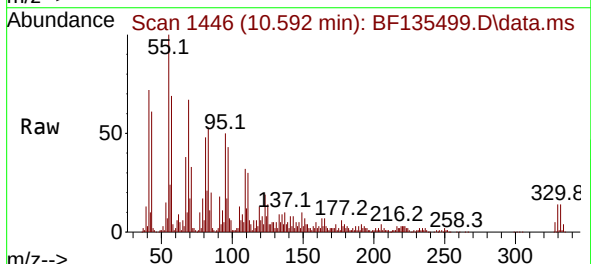
Instrument :
BNA_F
ClientSampleId :
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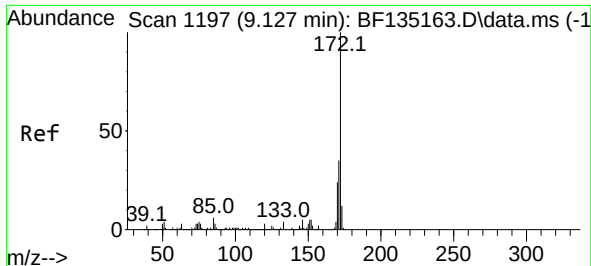
Tgt Ion:164 Resp: 149435
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.4
160 46.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 72.107 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:330 Resp: 107081
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 28.3 25.8 38.8

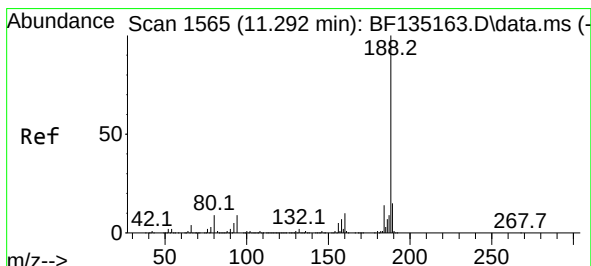
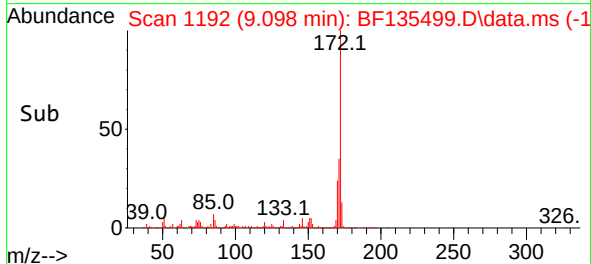
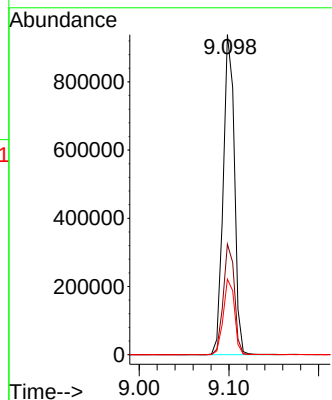
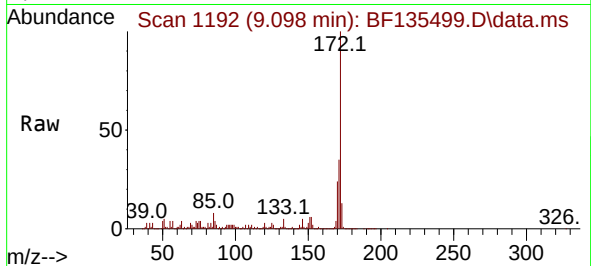




#45
2-Fluorobiphenyl
Concen: 82.137 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

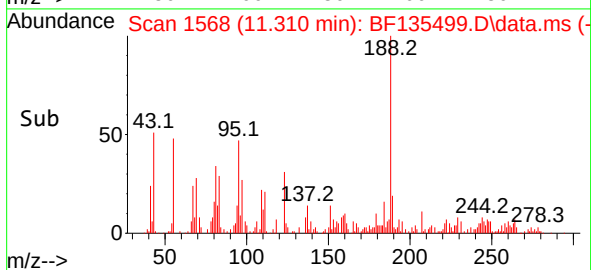
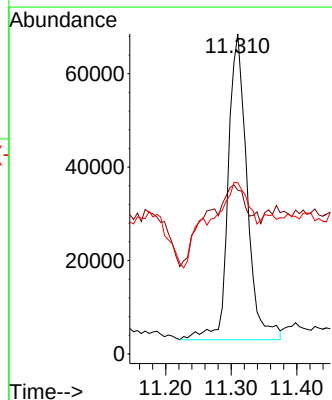
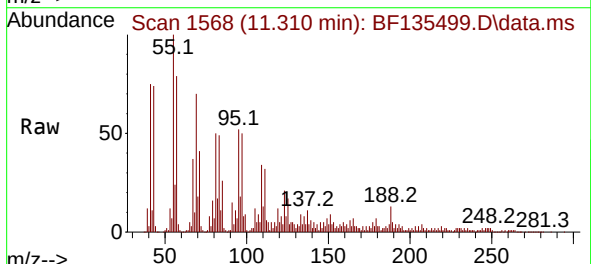
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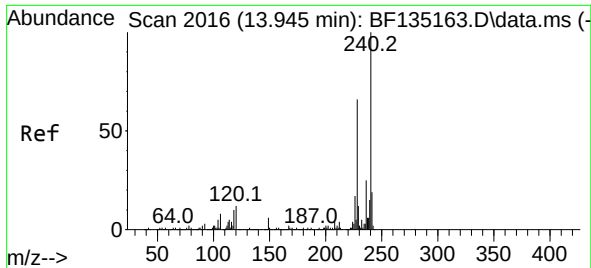
Tgt Ion:172 Resp: 813548
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.035 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:188 Resp: 131289
Ion Ratio Lower Upper
188 100
94 51.2 7.0 10.6#
80 53.5 7.5 11.3#

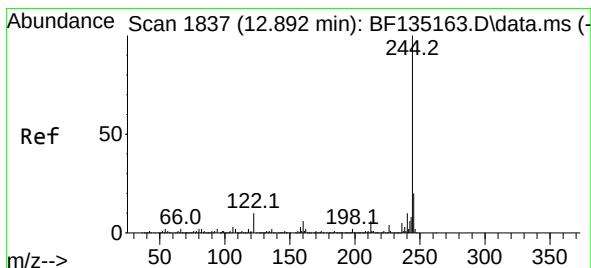
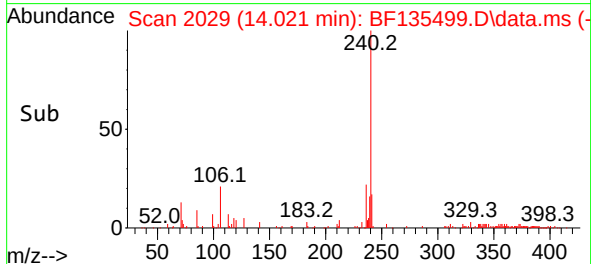
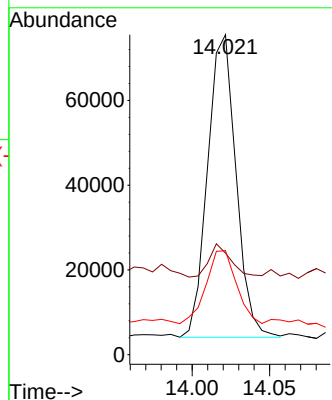
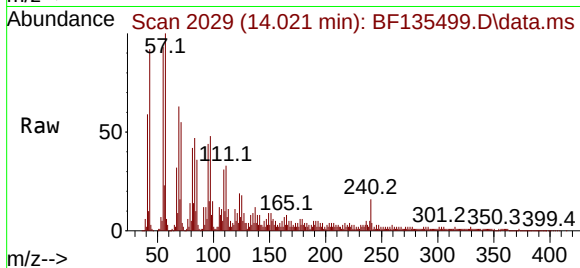




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2016
Delta R.T. 0.094 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

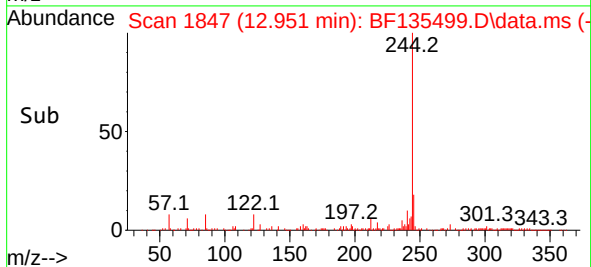
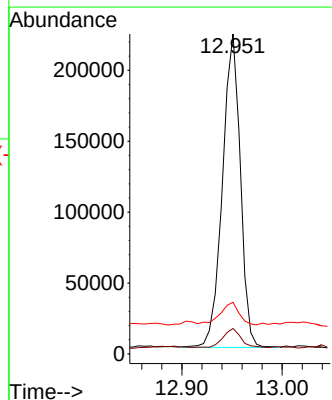
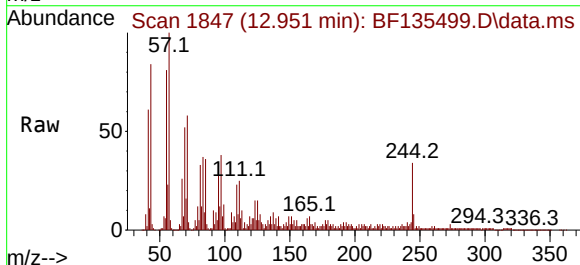
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BNA_F
ClientSampleId :
CON-PAD

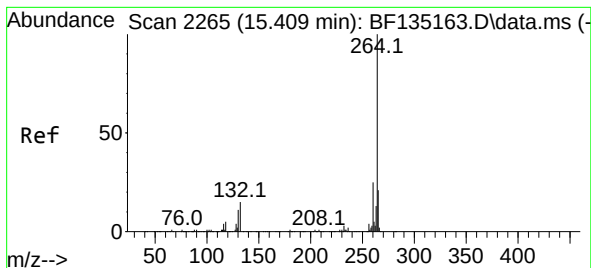
Tgt Ion:240 Resp: 91157
Ion Ratio Lower Upper
240 100
120 31.7 9.4 14.2#
236 32.5 19.8 29.8#



#79
Terphenyl-d14
Concen: 46.517 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.082 min
Lab File: BF135499.D
Acq: 28 Sep 2023 18:07

Tgt Ion:244 Resp: 273537
Ion Ratio Lower Upper
244 100
212 8.0 5.1 7.7#
122 16.2 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF135499.D

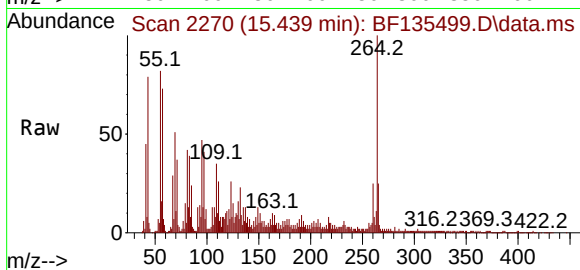
Acq: 28 Sep 2023 18:07

Instrument :

BNA_F

ClientSampleId :

CON-PAD



Tgt Ion:264 Resp: 151376

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 24.9 17.0 25.4

