

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128021.D
 Acq On : 02 May 2022 12:53
 Operator : CG\JU
 Sample : N2637-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-9

Quant Time: May 02 14:38:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

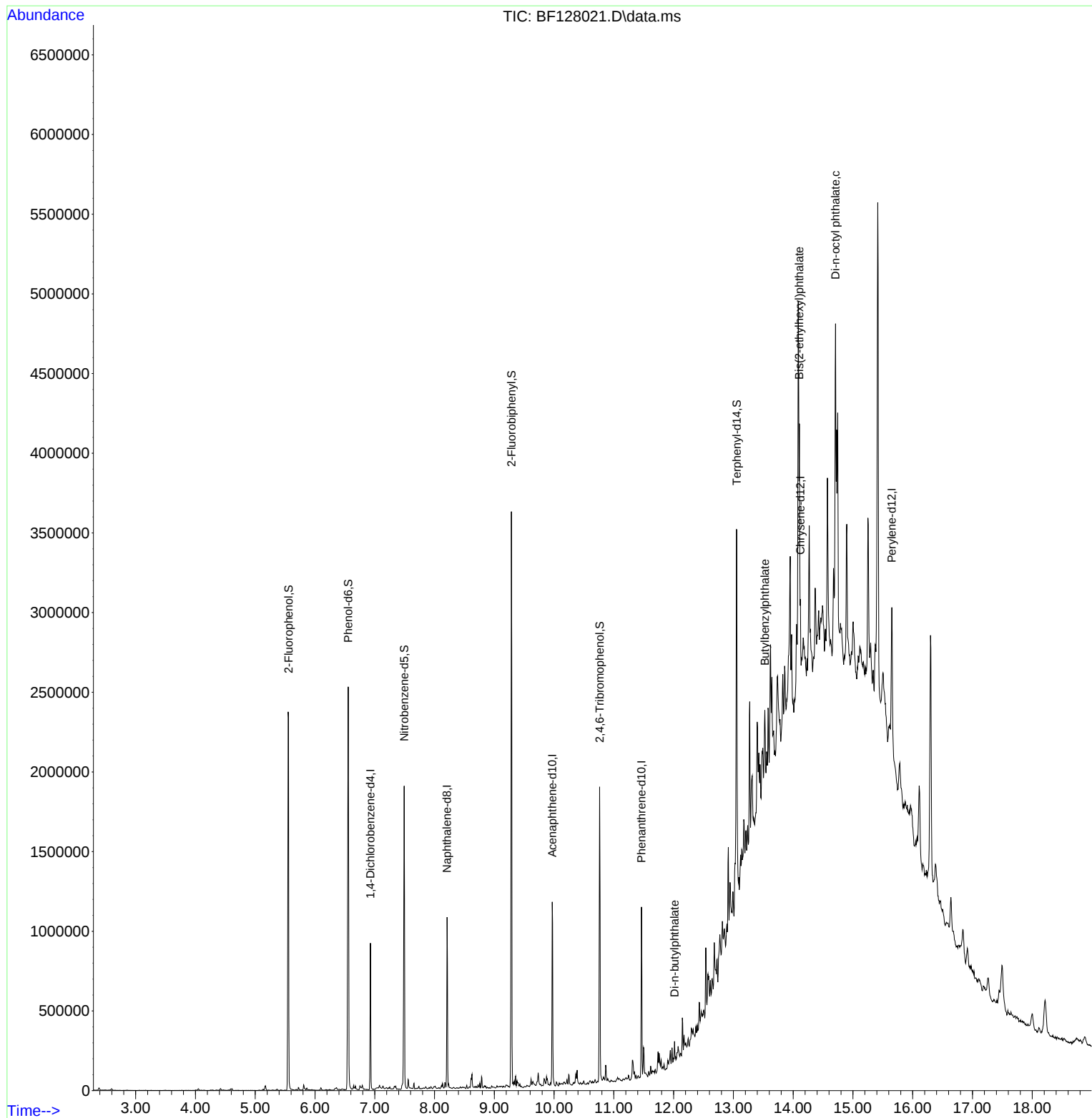
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	110785	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	427646	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	237939	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	380690	20.000	ng	0.00
76) Chrysene-d12	14.121	240	179799	20.000	ng	0.00
86) Perylene-d12	15.651	264	151944	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	648904	93.295	ng	0.00
7) Phenol-d6	6.557	99	880046	97.510	ng	0.00
23) Nitrobenzene-d5	7.492	82	634611	69.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	206352	86.150	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1061732	75.489	ng	0.00
79) Terphenyl-d14	13.057	244	793839	80.734	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	12.016	149	58493	2.719	ng	Qvalue 99
80) Butylbenzylphthalate	13.527	149	32925	5.788	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	1326353	175.810	ng	# 56
85) Di-n-octyl phthalate	14.710	149	1999478	171.023	ng	# 95

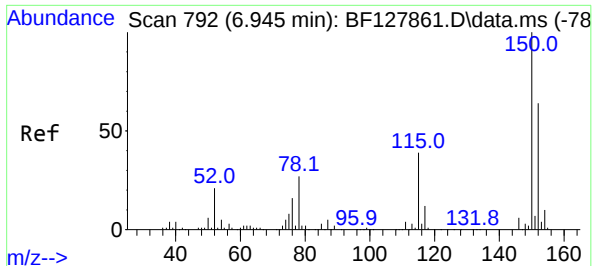
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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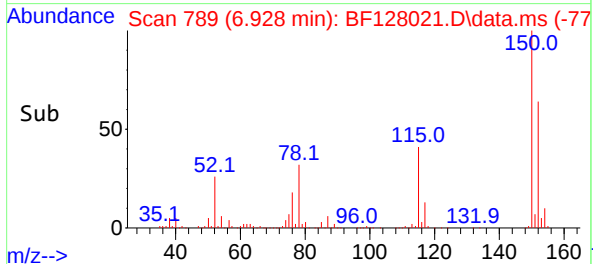
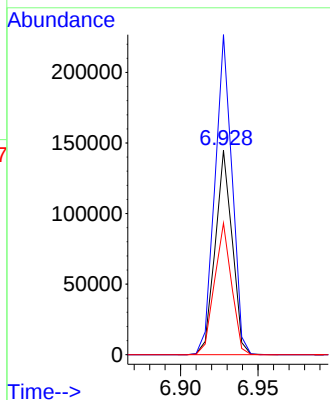
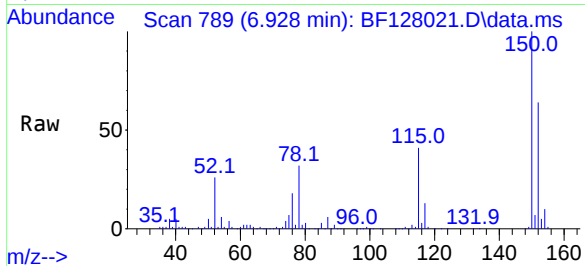




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

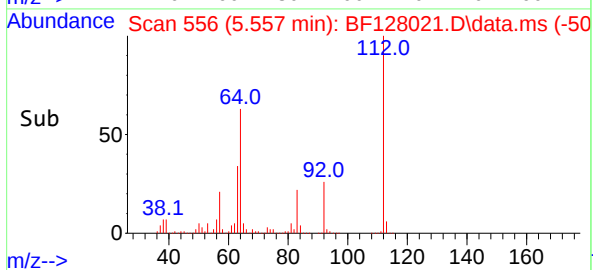
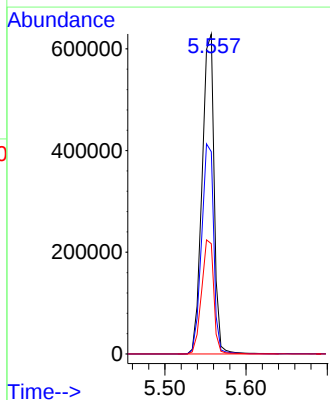
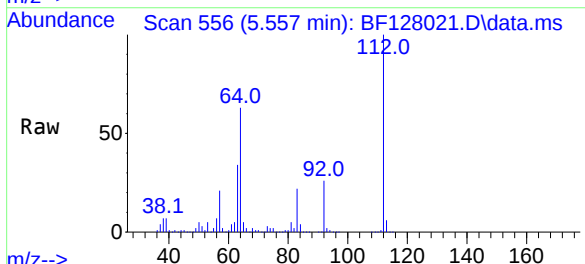
Instrument :
BNA_F
ClientSampleId :
DS-9

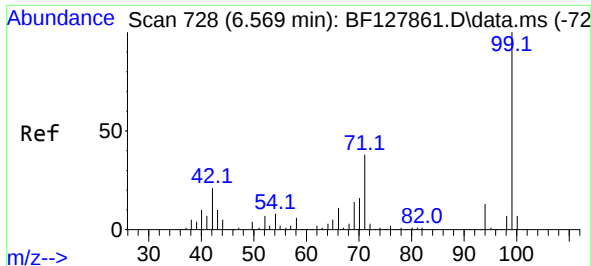
Tgt Ion:152 Resp: 110785
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 64.4 48.8 73.2



#5
2-Fluorophenol
Concen: 93.295 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion:112 Resp: 648904
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 34.5 26.3 39.5

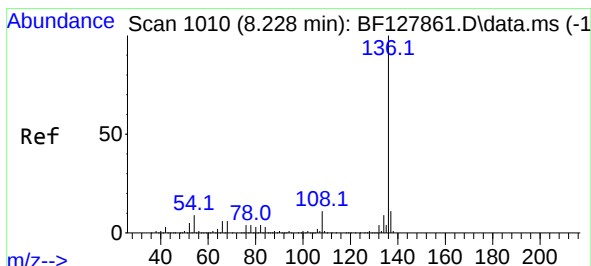
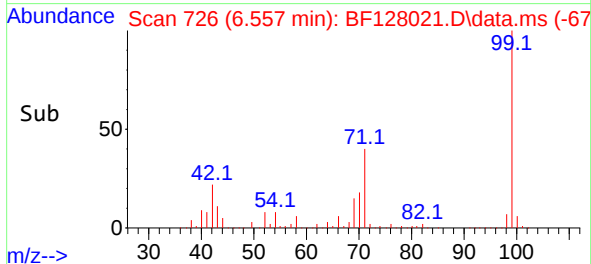
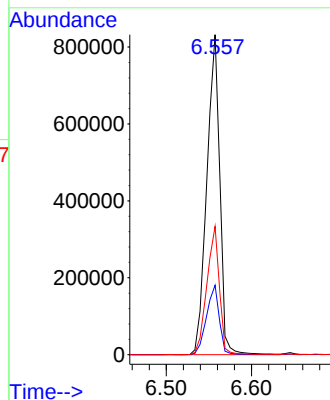
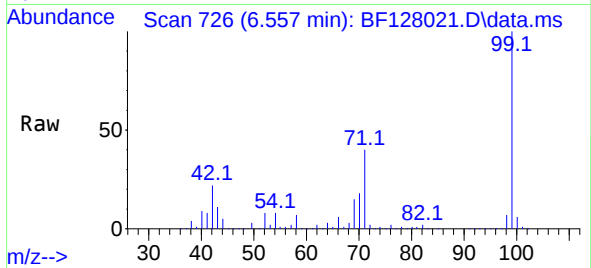




#7
Phenol-d6
Concen: 97.510 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

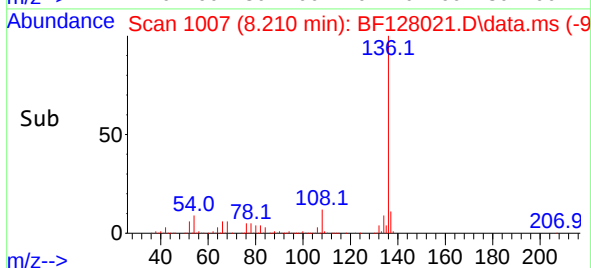
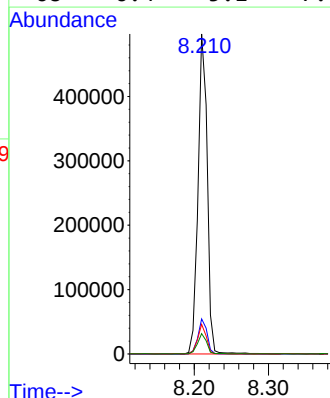
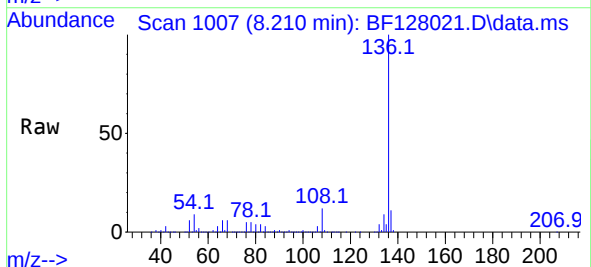
Instrument :
BNA_F
ClientSampleId :
DS-9

Tgt Ion: 99 Resp: 880046
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion: 136 Resp: 427646
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 6.8 10.2
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 69.782 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128021.D

Acq: 02 May 2022 12:53

Instrument :

BNA_F

ClientSampleId :

DS-9

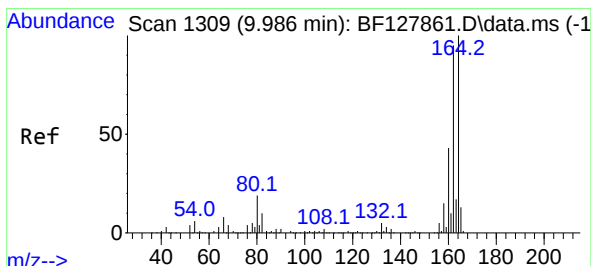
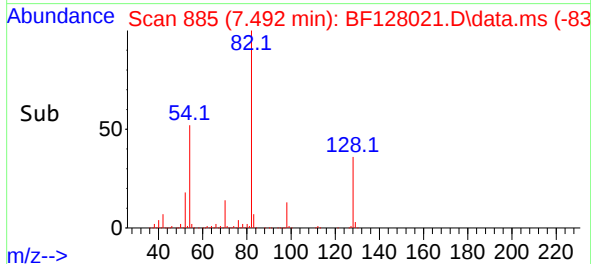
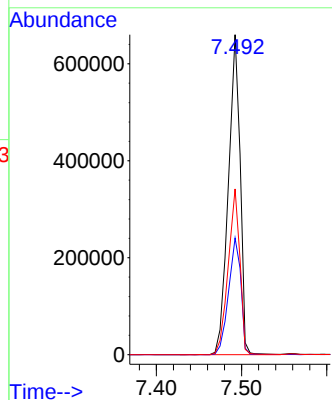
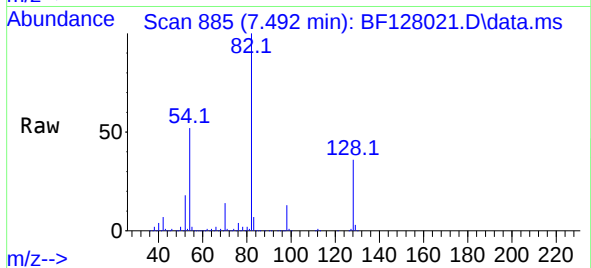
Tgt Ion: 82 Resp: 634611

Ion Ratio Lower Upper

82 100

128 36.4 30.0 45.0

54 51.8 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF128021.D

Acq: 02 May 2022 12:53

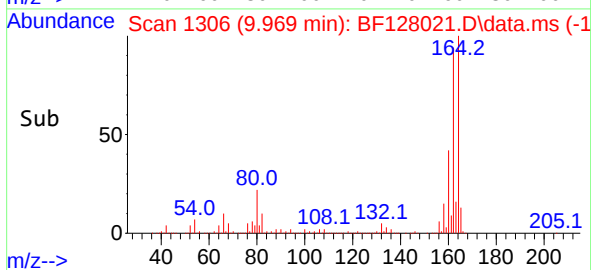
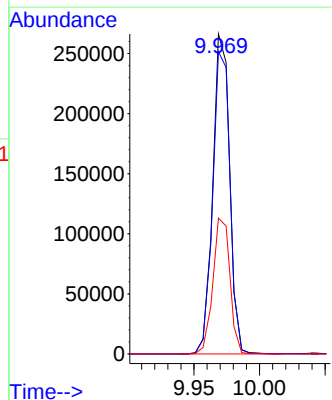
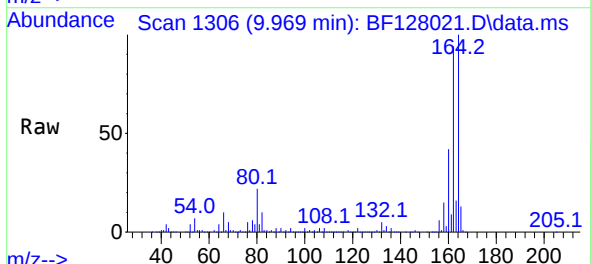
Tgt Ion: 164 Resp: 237939

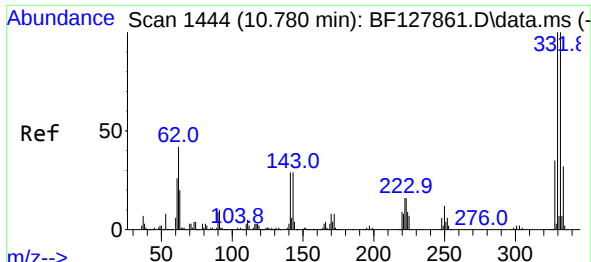
Ion Ratio Lower Upper

164 100

162 94.5 76.0 114.0

160 42.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.150 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128021.D

Acq: 02 May 2022 12:53

Instrument :

BNA_F

ClientSampleId :

DS-9

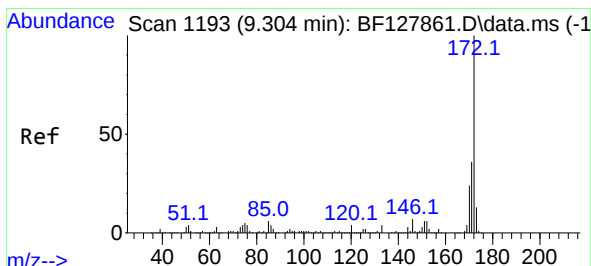
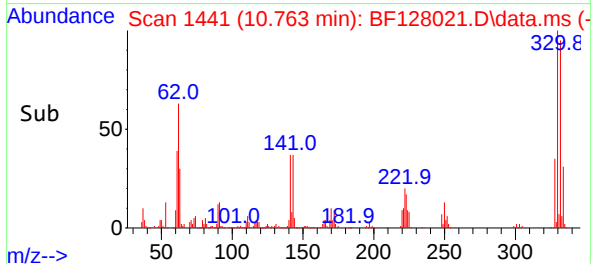
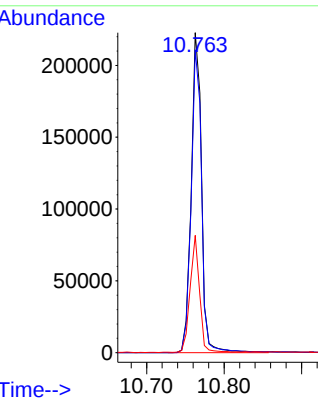
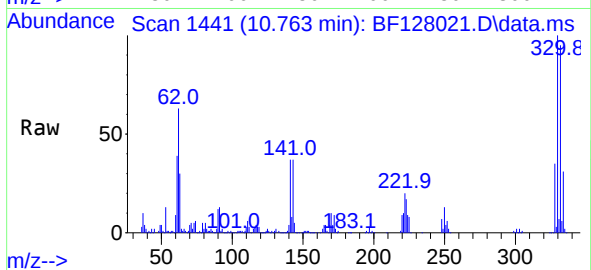
Tgt Ion:330 Resp: 206352

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 75.489 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128021.D

Acq: 02 May 2022 12:53

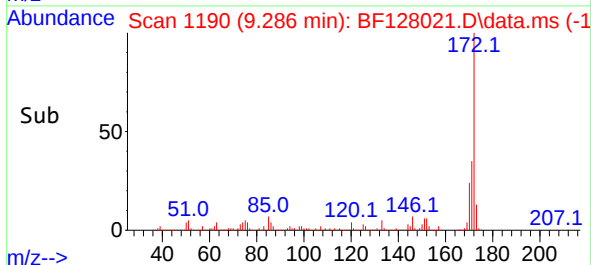
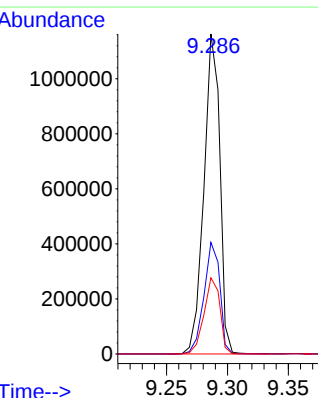
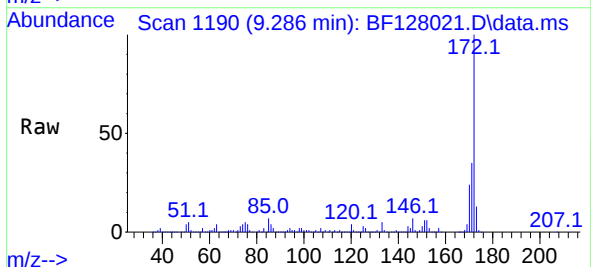
Tgt Ion:172 Resp: 1061732

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.8 19.1 28.7

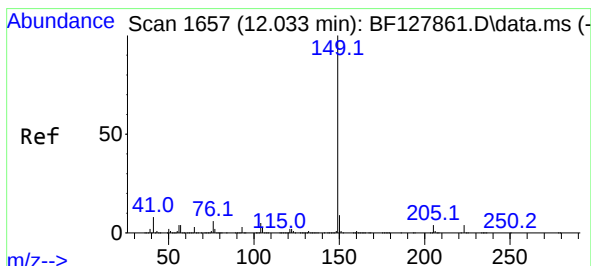
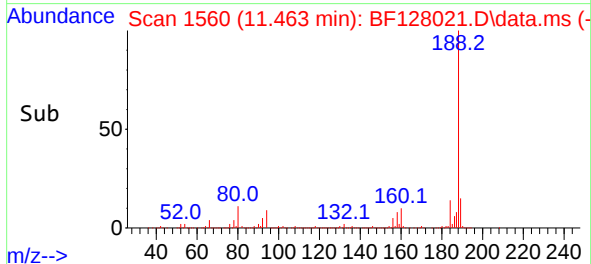
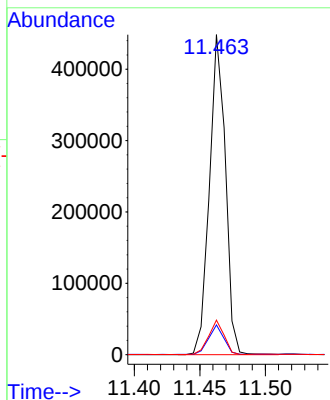
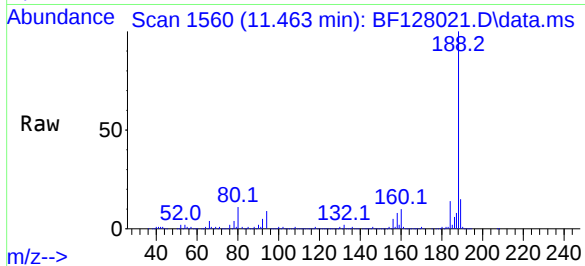




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

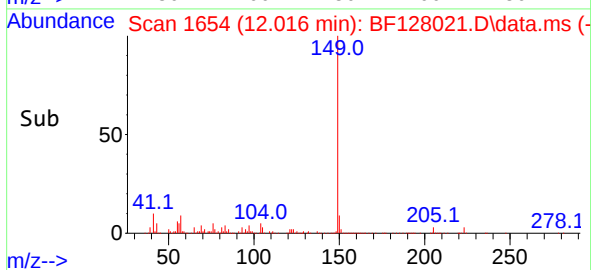
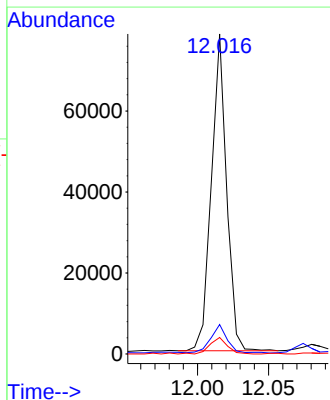
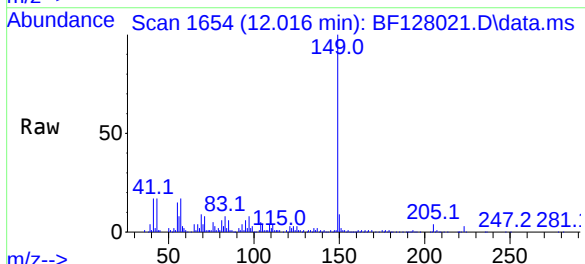
Instrument :
BNA_F
ClientSampleId :
DS-9

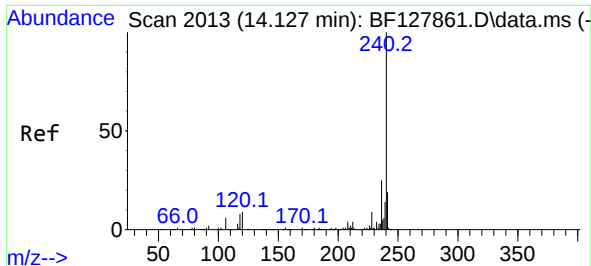
Tgt Ion:188 Resp: 380690
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.8 8.9 13.3



#74
Di-n-butylphthalate
Concen: 2.719 ng
RT: 12.016 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion:149 Resp: 58493
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.3 6.5

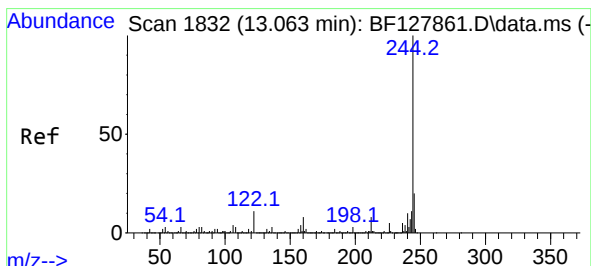
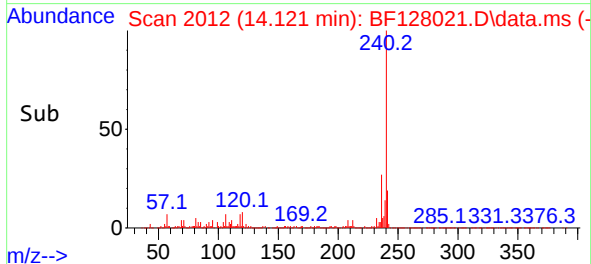
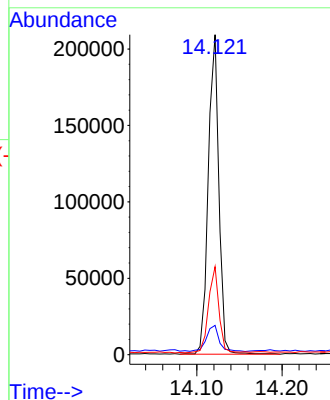
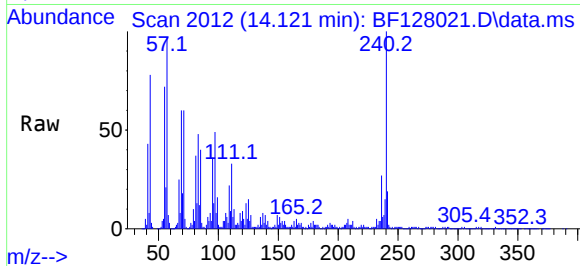




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

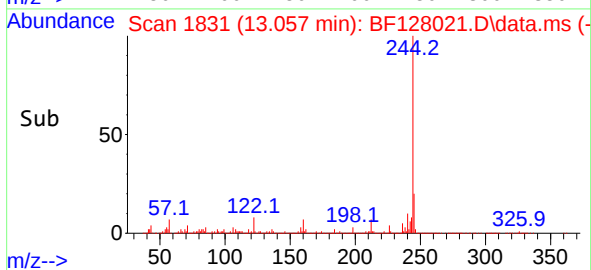
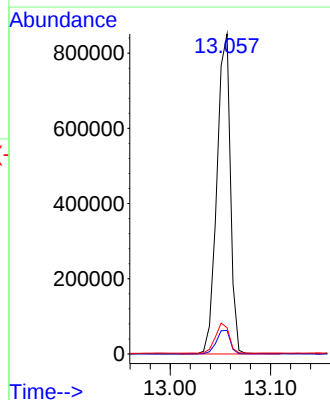
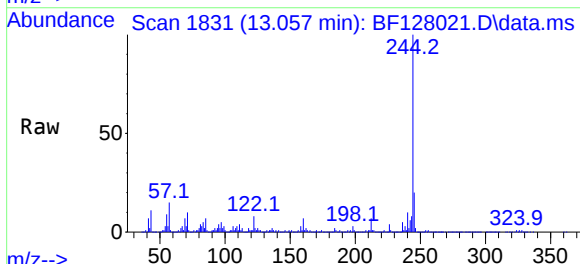
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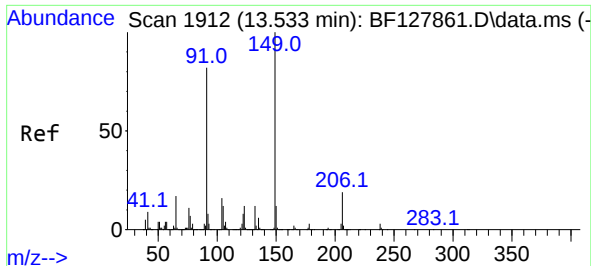
Tgt Ion:240 Resp: 179799
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 27.5 20.3 30.5



#79
Terphenyl-d14
Concen: 80.734 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion:244 Resp: 793839
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.2 8.6 12.8#

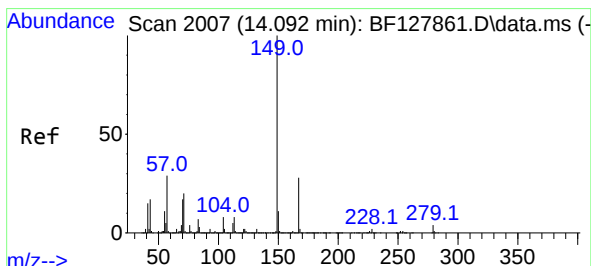
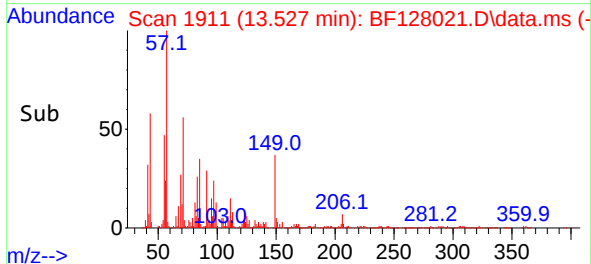
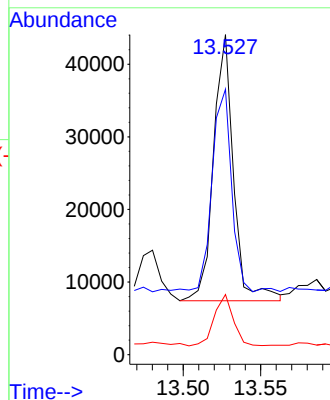
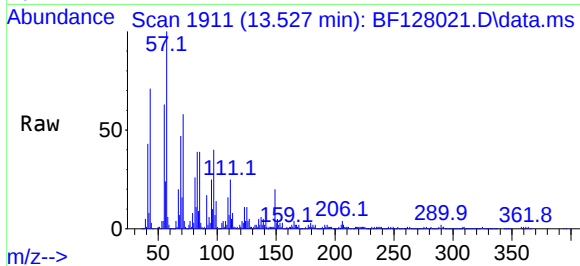




#80
Butylbenzylphthalate
Concen: 5.788 ng
RT: 13.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

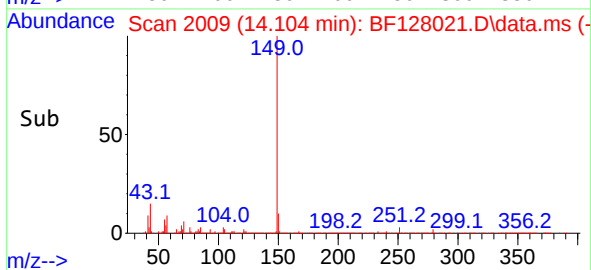
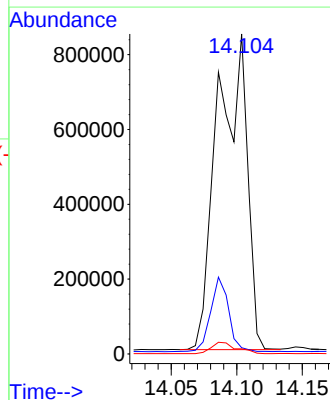
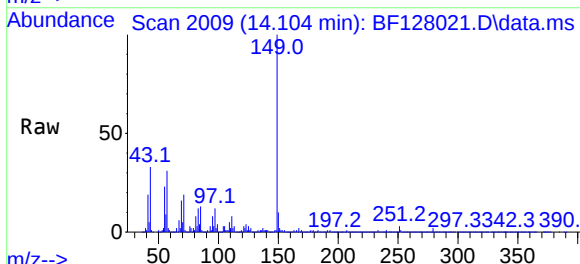
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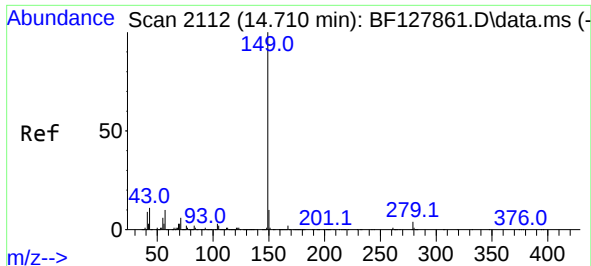
Tgt Ion:149 Resp: 32925
Ion Ratio Lower Upper
149 100
91 82.9 65.8 98.6
206 18.8 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 175.810 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.024 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion:149 Resp: 1326353
Ion Ratio Lower Upper
149 100
167 1.9 22.0 33.0#
279 1.6 3.4 5.0#

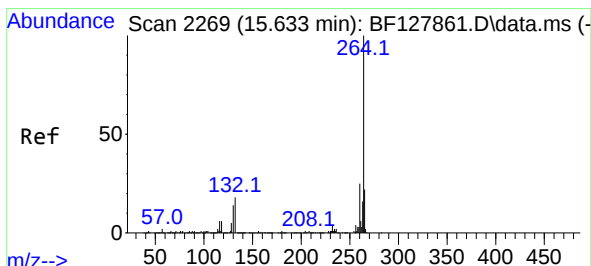
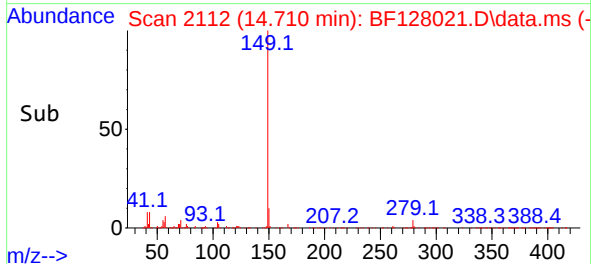
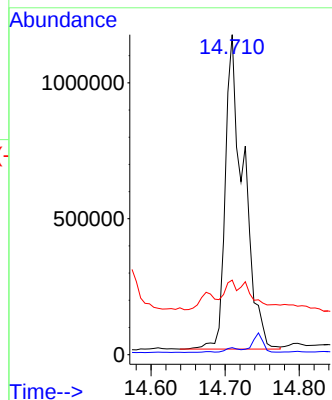
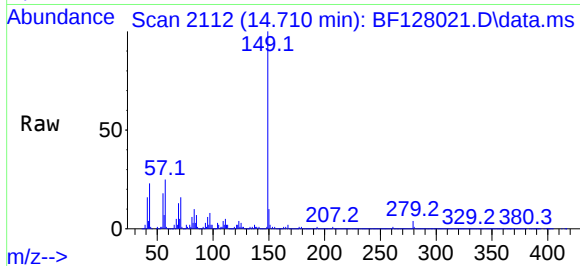




#85
Di-n-octyl phthalate
Concen: 171.023 ng
RT: 14.710 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Instrument :
BNA_F
ClientSampleId :
DS-9

Tgt Ion:149 Resp: 1999478
Ion Ratio Lower Upper
149 100
167 1.1 1.3 1.9#
43 8.8 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. 0.029 min
Lab File: BF128021.D
Acq: 02 May 2022 12:53

Tgt Ion:264 Resp: 151944
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.4 17.5 26.3

