

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132743.D
 Acq On : 10 Mar 2023 16:03
 Operator : CG\JU
 Sample : 01853-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2

Quant Time: Mar 10 17:51:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	226151	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	850303	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	465553	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	853469	20.000	ng	0.00
76) Chrysene-d12	14.180	240	406186	20.000	ng	0.00
86) Perylene-d12	15.721	264	428772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1406860	100.963	ng	0.00
7) Phenol-d6	6.610	99	1893613	104.127	ng	-0.01
23) Nitrobenzene-d5	7.545	82	1278987	71.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	500557	99.558	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	2055759	67.237	ng	0.00
79) Terphenyl-d14	13.116	244	2125643	88.480	ng	0.00

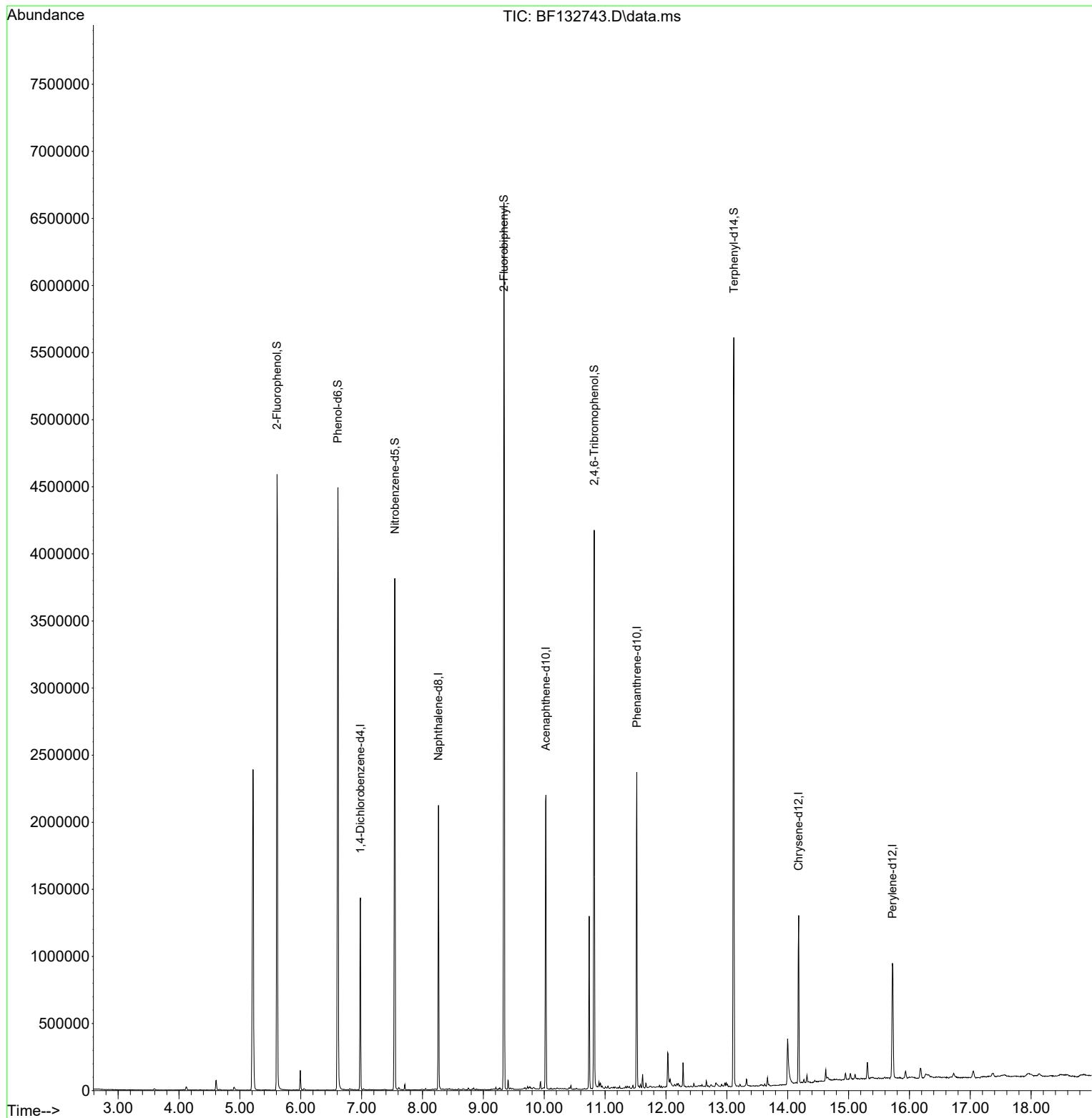
Target Compounds	Qvalue

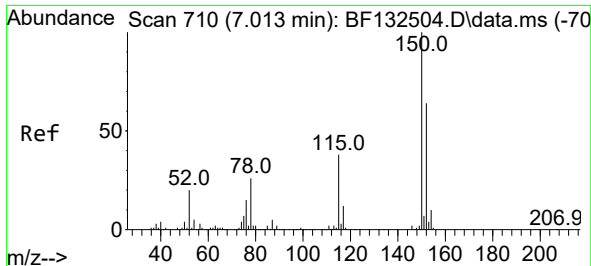
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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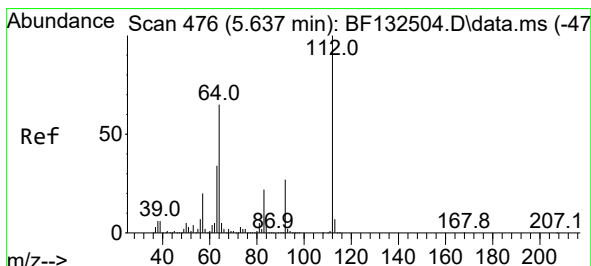
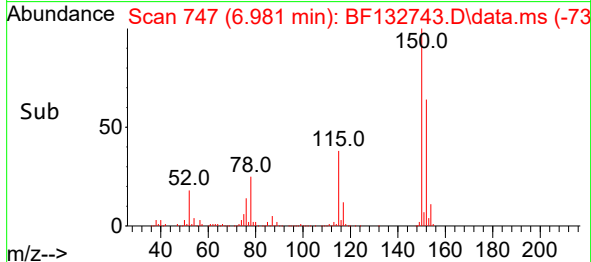
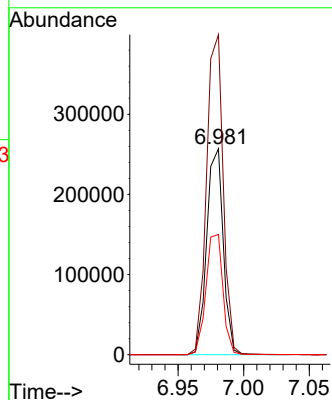
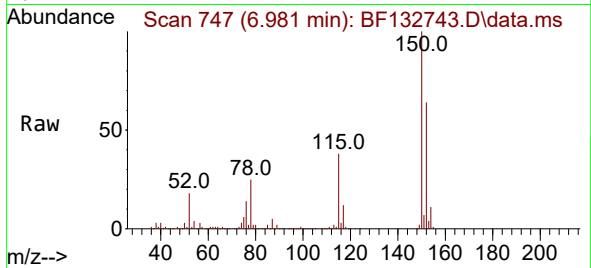




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

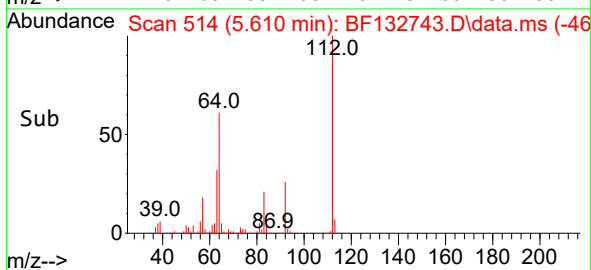
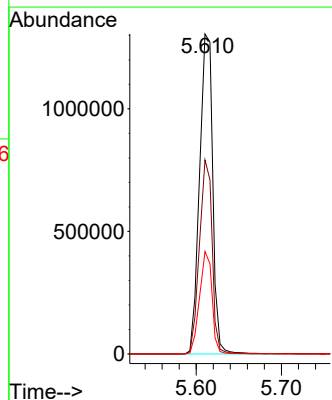
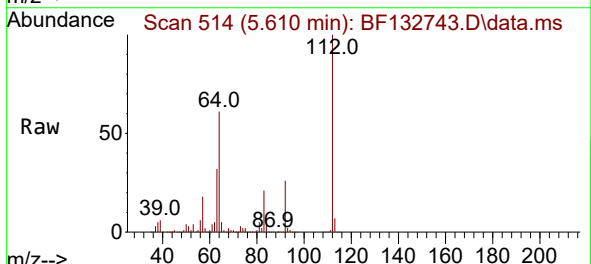
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

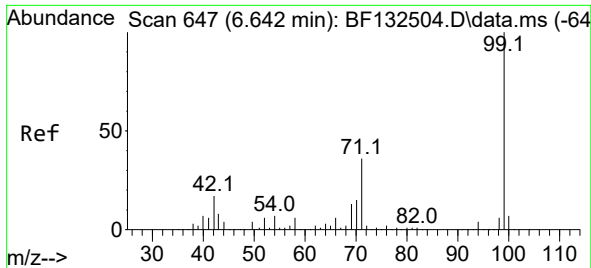
Tgt Ion:152 Resp: 226151
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 58.3 47.8 71.6



#5
2-Fluorophenol
Concen: 100.963 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:112 Resp: 1406860
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.0 27.4 41.2

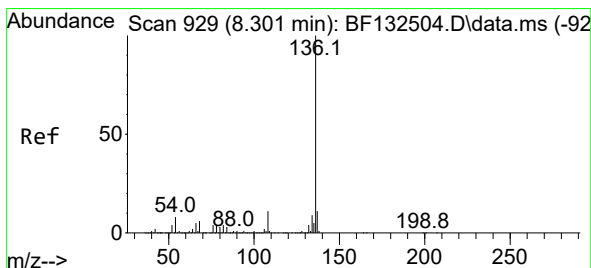
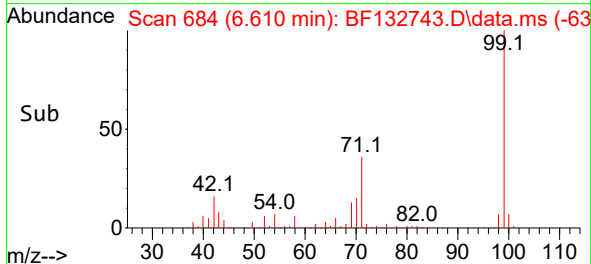
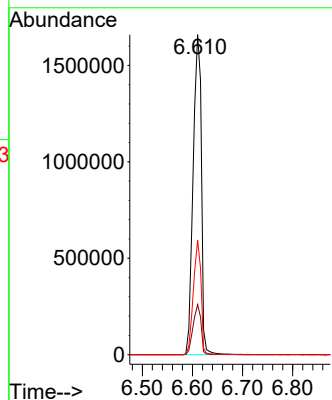
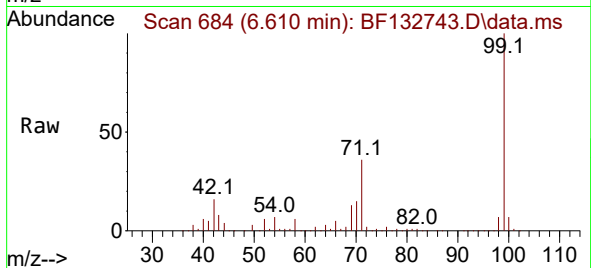




#7
Phenol-d6
Concen: 104.127 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

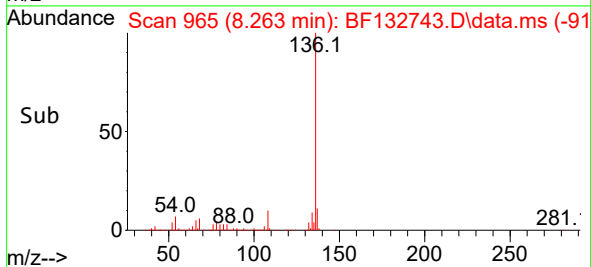
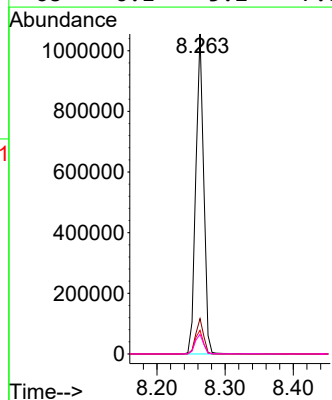
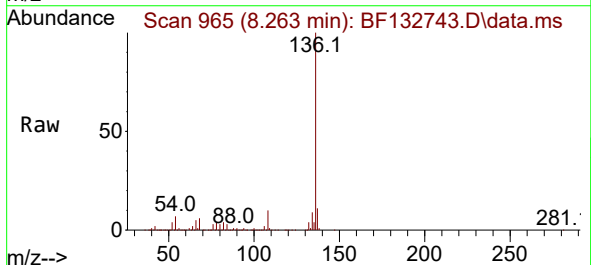
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

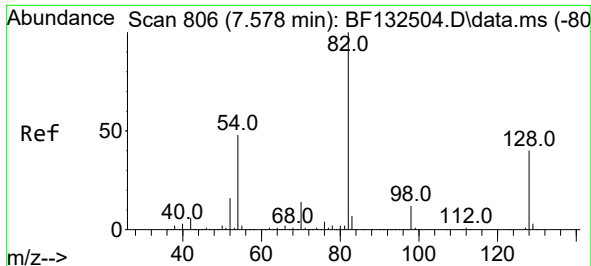
Tgt Ion: 99 Resp: 1893613
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 35.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion: 136 Resp: 850303
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.2 9.4
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 71.364 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132743.D

Acq: 10 Mar 2023 16:03

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2

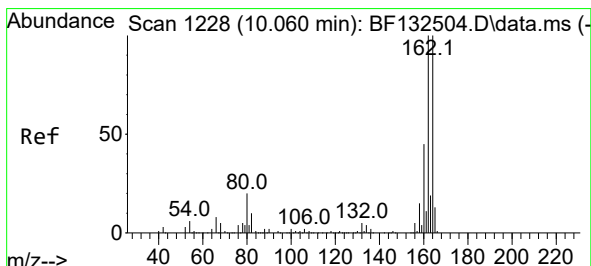
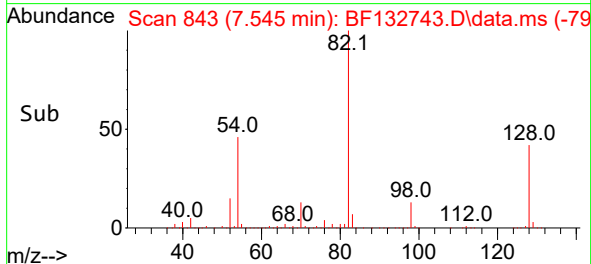
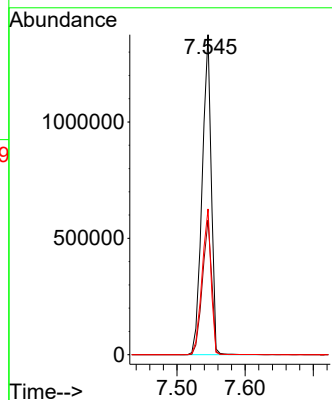
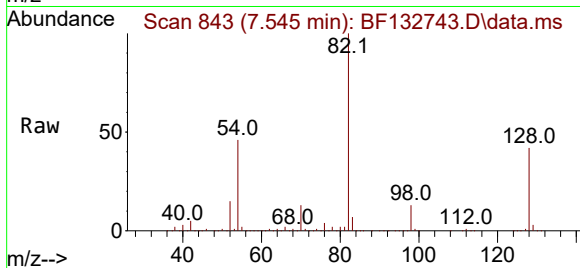
Tgt Ion: 82 Resp: 1278987

Ion Ratio Lower Upper

82 100

128 42.1 32.2 48.2

54 45.5 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF132743.D

Acq: 10 Mar 2023 16:03

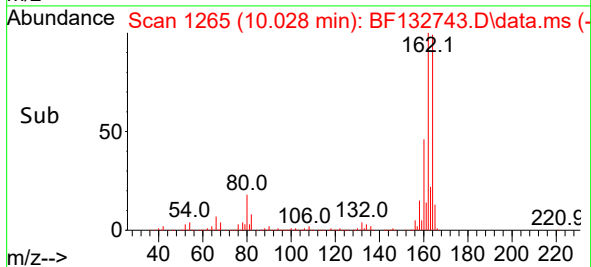
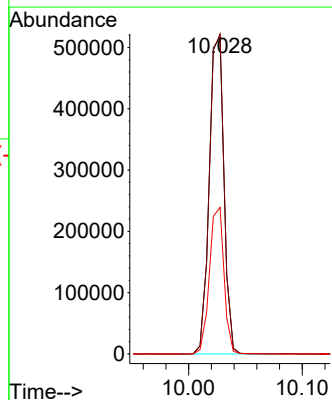
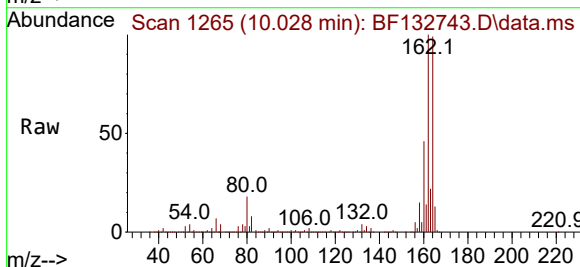
Tgt Ion:164 Resp: 465553

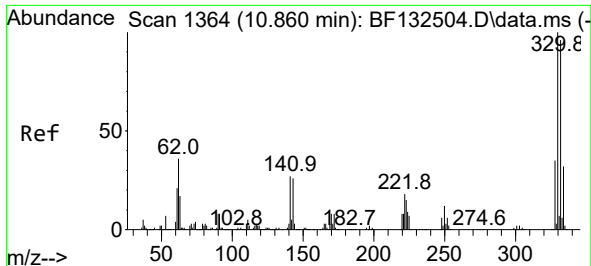
Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

160 46.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 99.558 ng

RT: 10.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132743.D

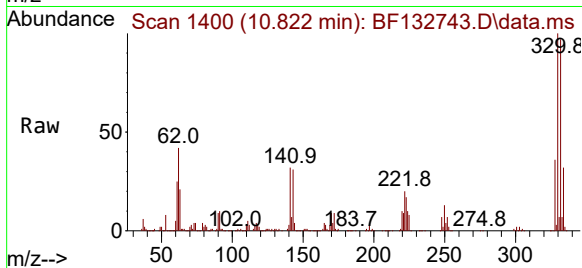
Acq: 10 Mar 2023 16:03

Instrument :

BNA_F

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20230163-COMPOSITE-2



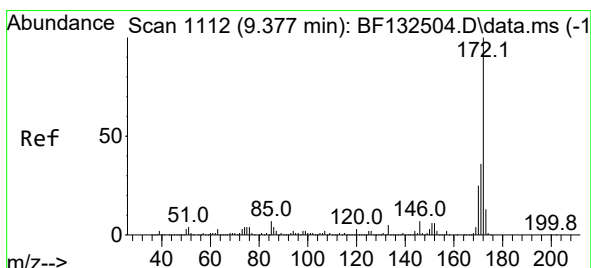
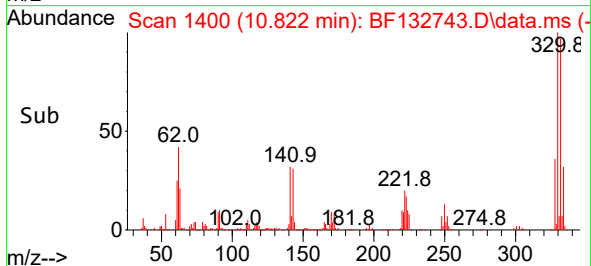
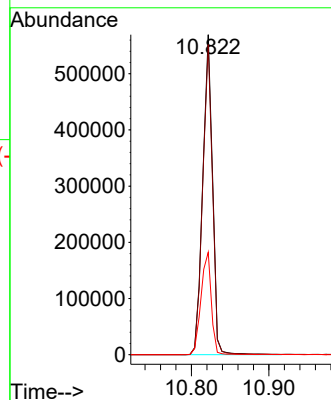
Tgt Ion:330 Resp: 500557

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 33.6 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 67.237 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132743.D

Acq: 10 Mar 2023 16:03

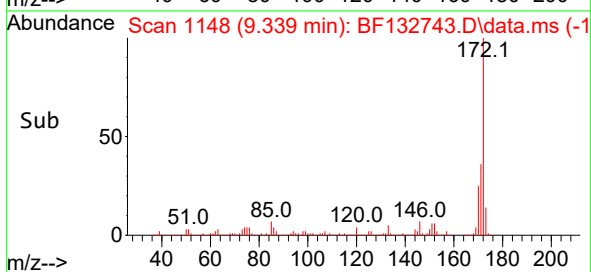
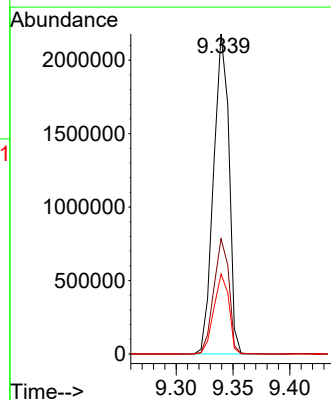
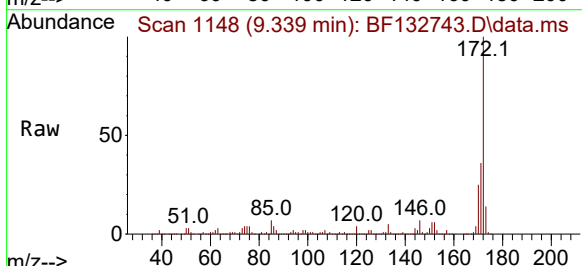
Tgt Ion:172 Resp: 2055759

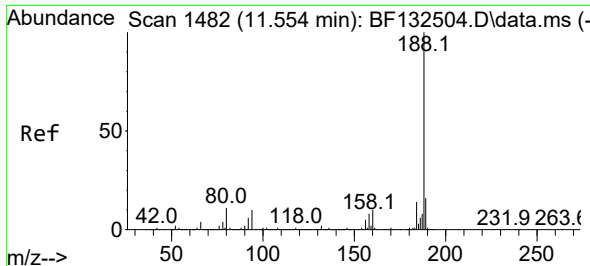
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 25.0 19.7 29.5

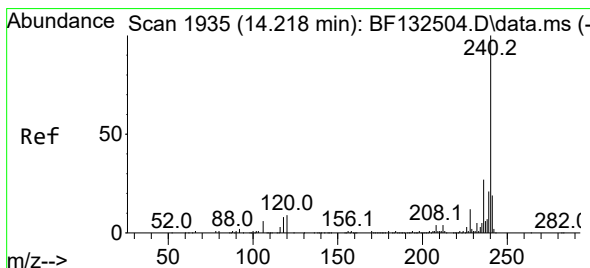
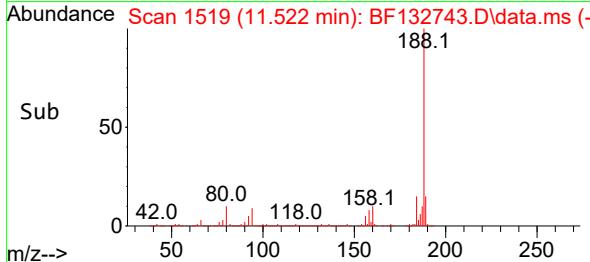
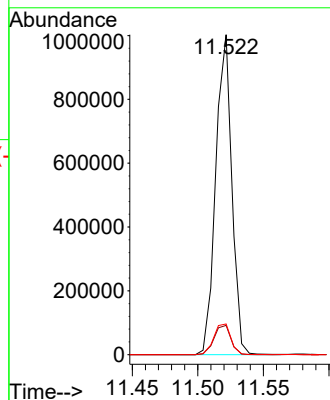
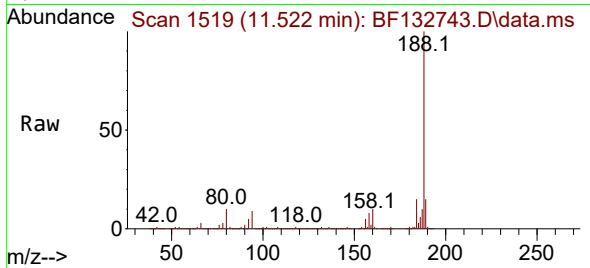




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

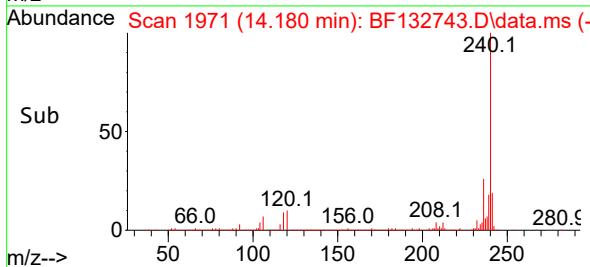
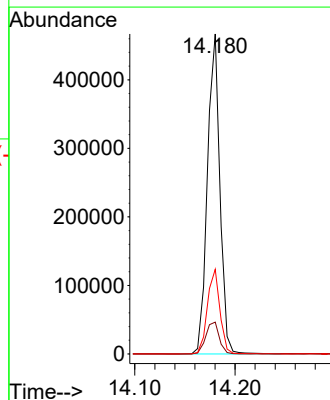
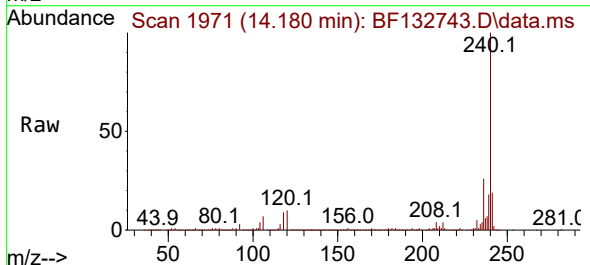
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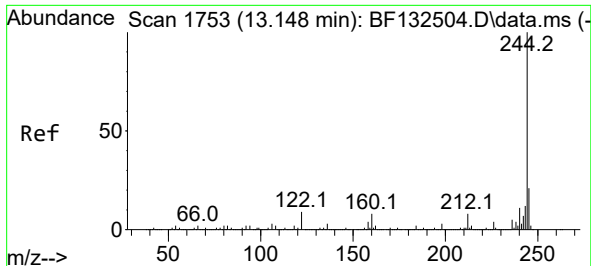
Tgt Ion:188 Resp: 853469
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:240 Resp: 406186
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.5 21.8 32.6

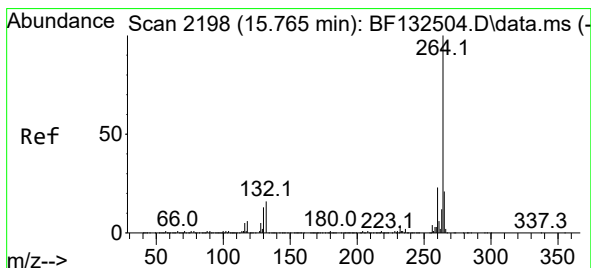
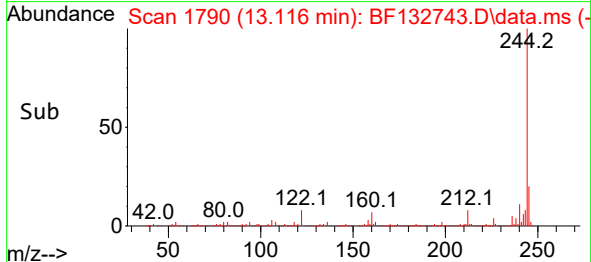
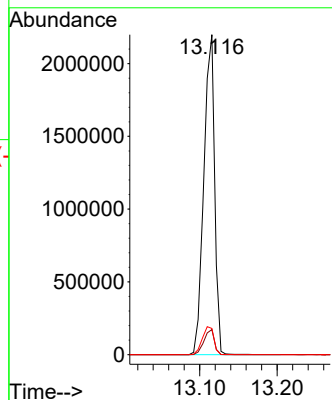
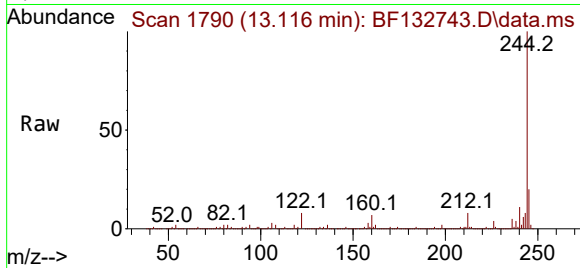




#79
Terphenyl-d14
Concen: 88.480 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2

Tgt Ion:244 Resp: 2125643
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.2 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF132743.D
Acq: 10 Mar 2023 16:03

Tgt Ion:264 Resp: 428772
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.1 17.1 25.7

