

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132836.D
 Acq On : 17 Mar 2023 22:27
 Operator : CG\JU
 Sample : 01954-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP1-0316

Quant Time: Mar 18 02:14:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	210359	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	793791	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	415535	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	766158	20.000	ng	0.00
76) Chrysene-d12	14.145	240	583299	20.000	ng	0.00
86) Perylene-d12	15.674	264	524667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1470802	117.981	ng	0.02
7) Phenol-d6	6.598	99	1758966	108.705	ng	0.00
23) Nitrobenzene-d5	7.528	82	1275653	82.240	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	588201	133.159	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2056497	81.297	ng	0.00
79) Terphenyl-d14	13.086	244	2636572	81.619	ng	0.00

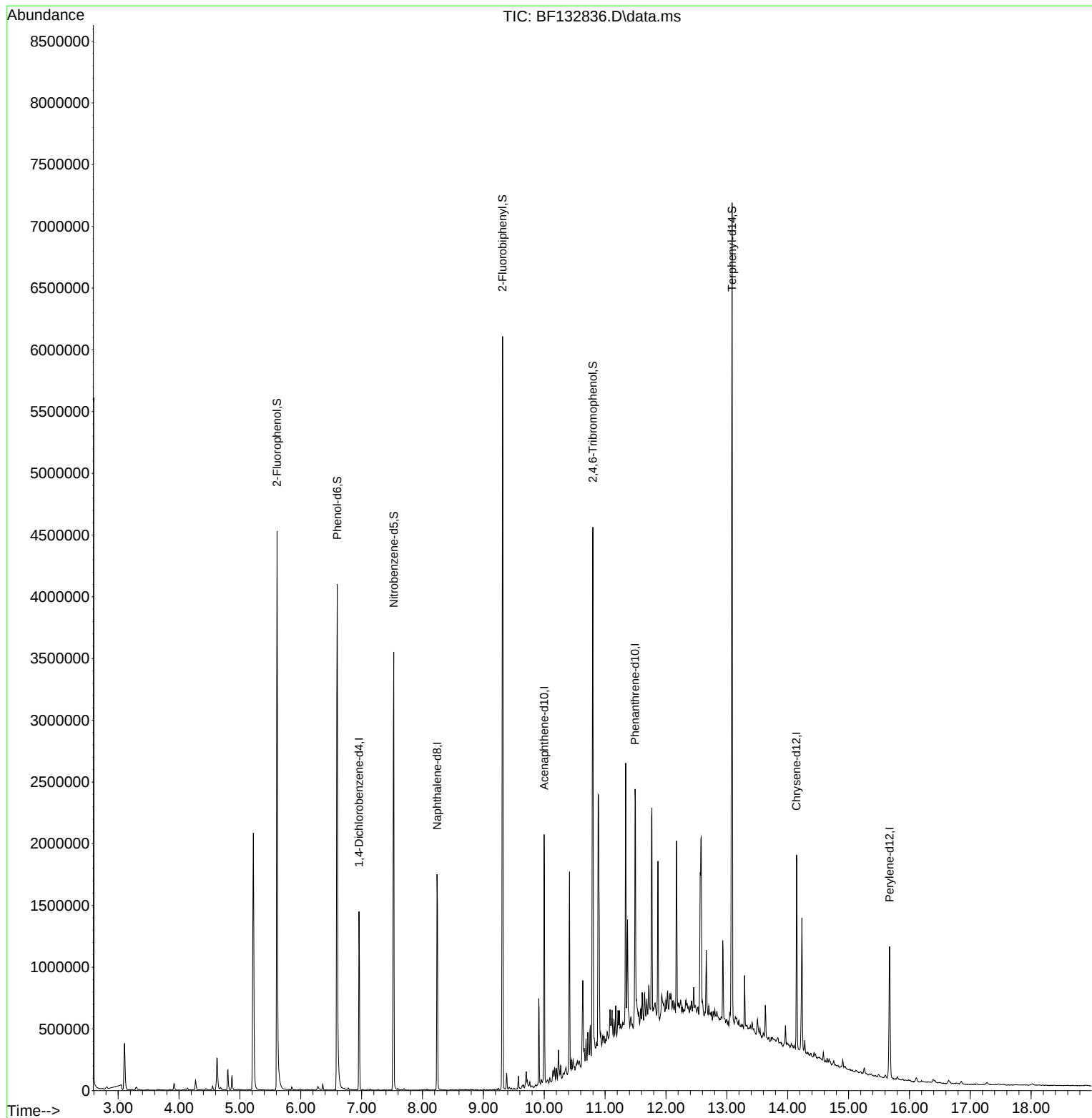
Target Compounds	Qvalue

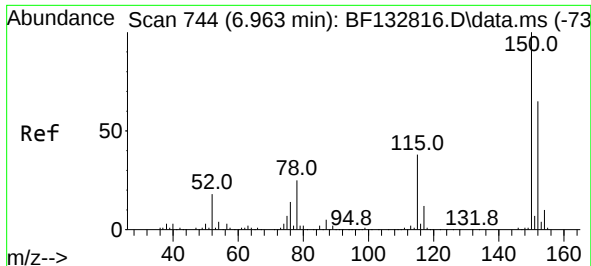
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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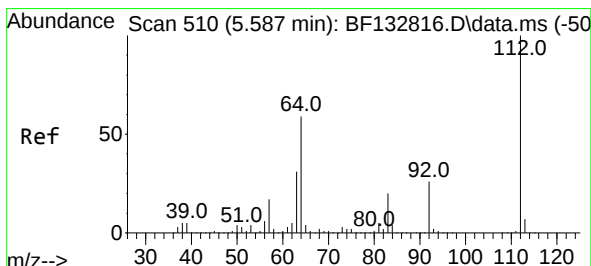
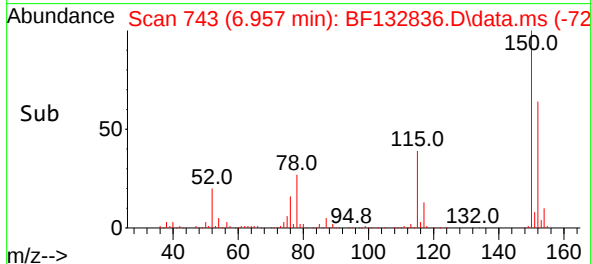
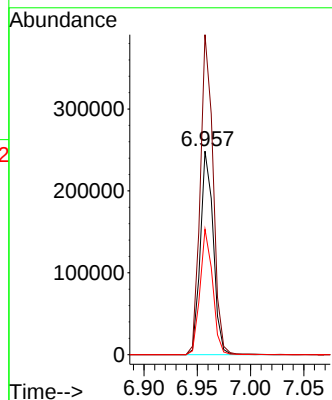
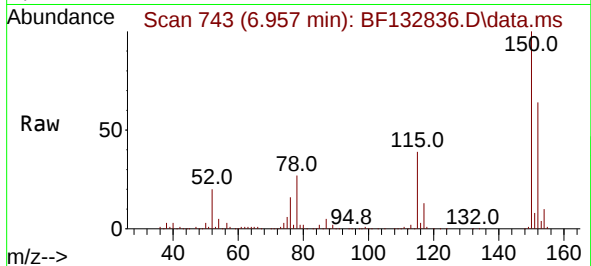




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

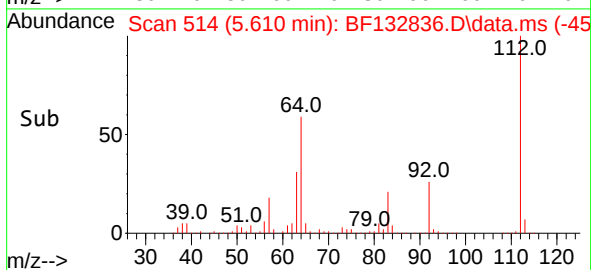
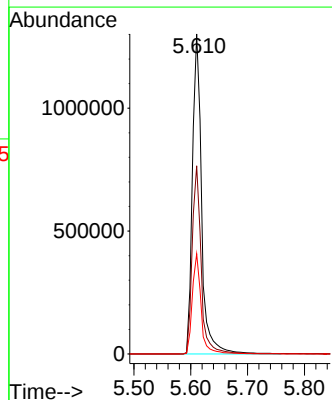
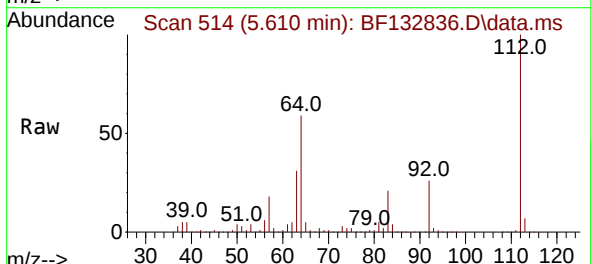
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

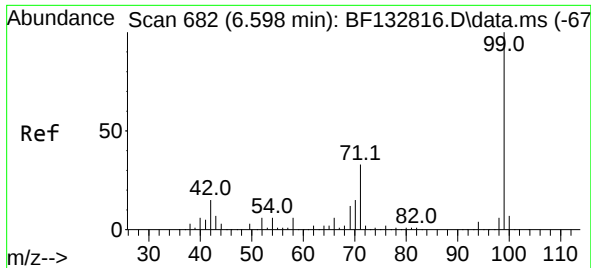
Tgt Ion:152 Resp: 210359
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 61.6 46.2 69.4



#5
2-Fluorophenol
Concen: 117.981 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:112 Resp: 1470802
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 31.3 24.4 36.6

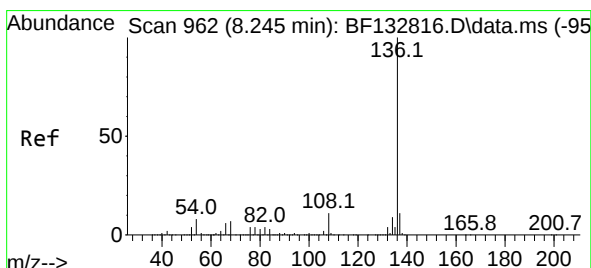
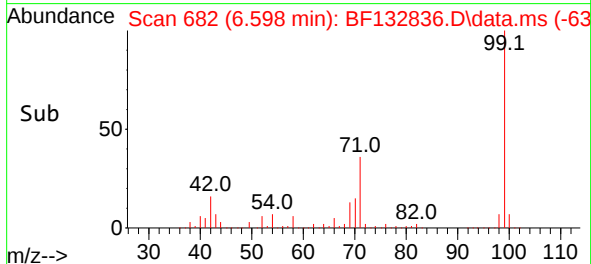
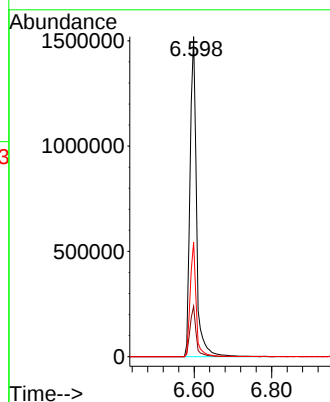
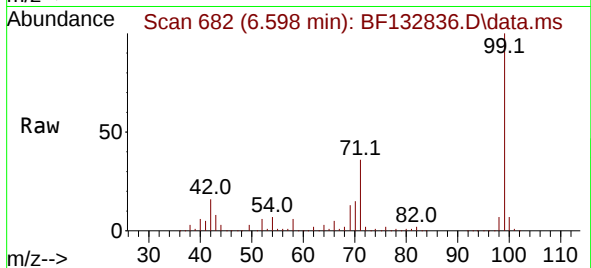




#7
Phenol-d6
Concen: 108.705 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

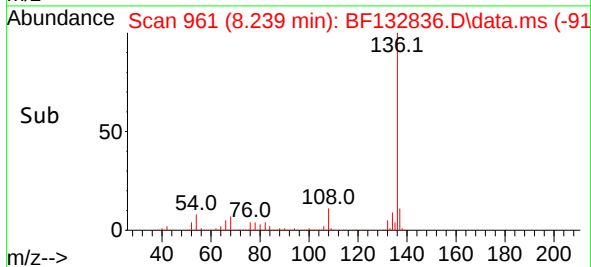
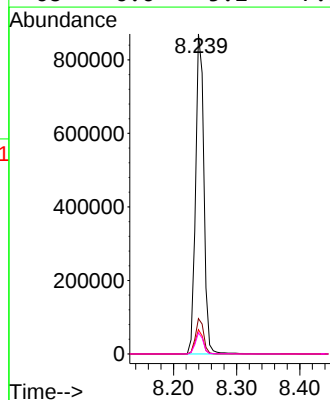
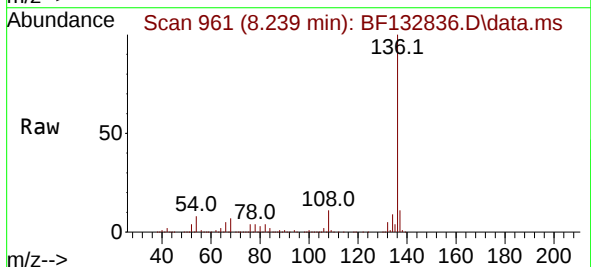
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

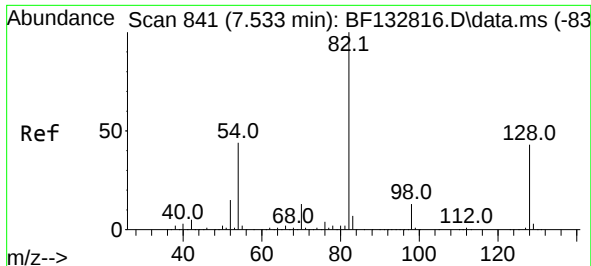
Tgt Ion: 99 Resp: 1758966
Ion Ratio Lower Upper
99 100
42 15.8 11.9 17.9
71 35.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:136 Resp: 793791
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.6 6.1 9.1
68 6.6 5.2 7.8

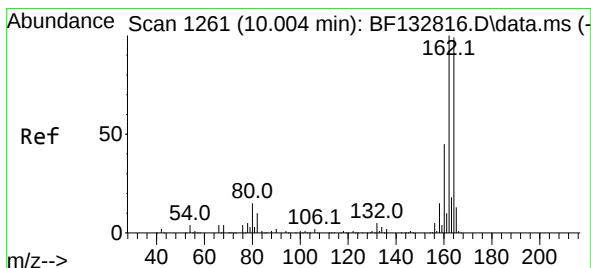
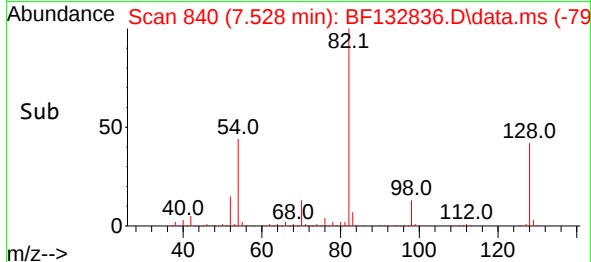
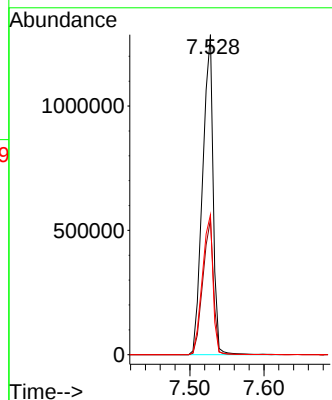
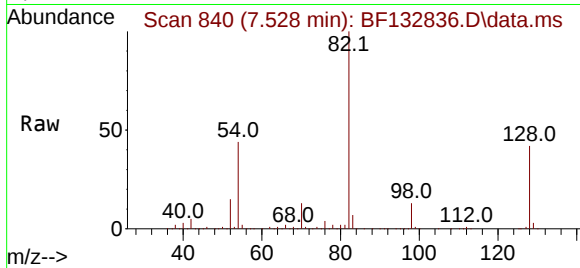




#23
 Nitrobenzene-d5
 Concen: 82.240 ng
 RT: 7.528 min Scan# 841
 Delta R.T. -0.006 min
 Lab File: BF132836.D
 Acq: 17 Mar 2023 22:27

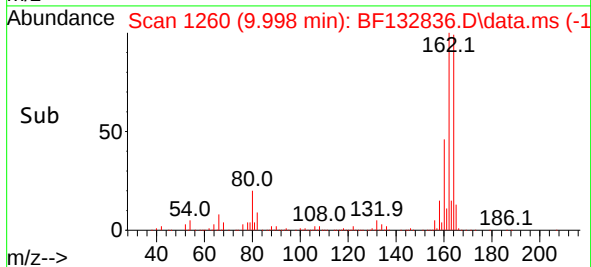
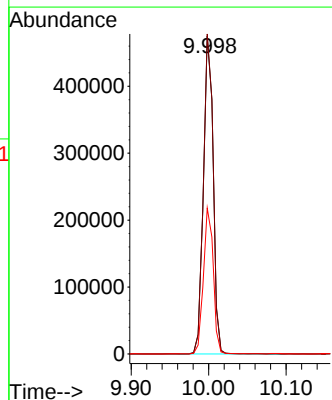
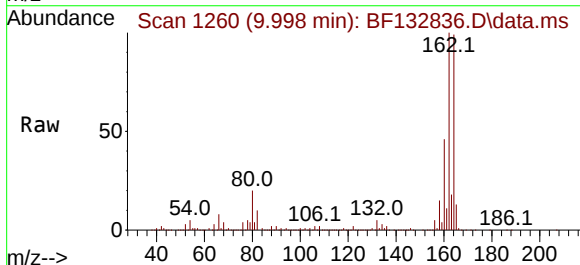
Instrument :
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 ClientSampleId :
 SV-TP1-0316

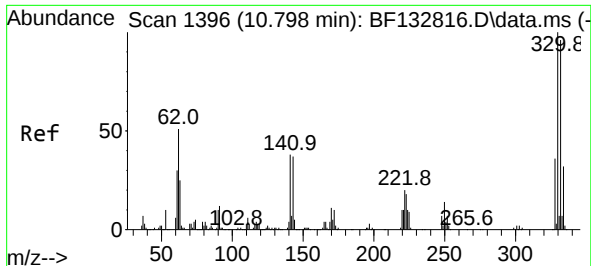
Tgt Ion: 82 Resp: 1275653
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.4 51.6
 54 43.7 35.2 52.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.998 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BF132836.D
 Acq: 17 Mar 2023 22:27

Tgt Ion:164 Resp: 415535
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 121.0
 160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 133.159 ng

RT: 10.798 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

Instrument :

BNA_F

ClientSampleId :

SV-TP1-0316

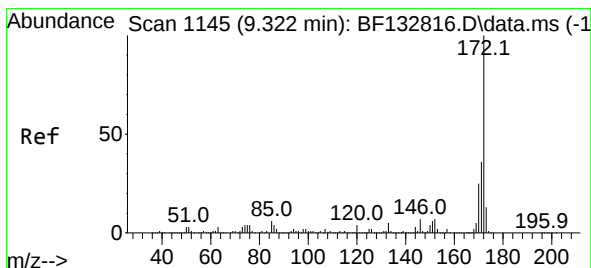
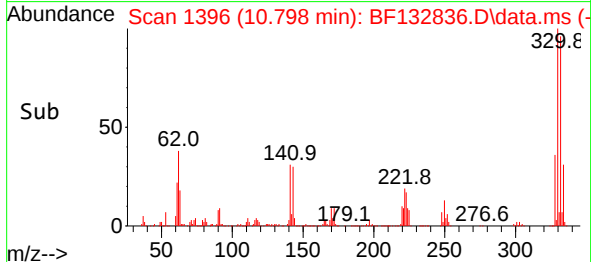
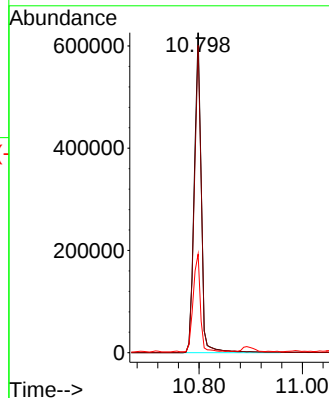
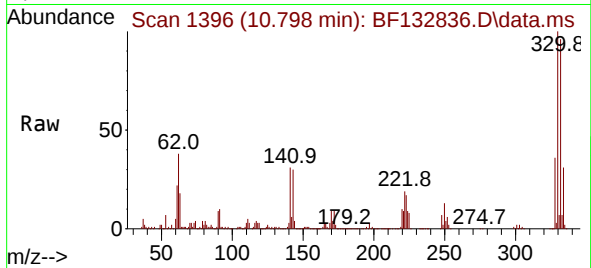
Tgt Ion:330 Resp: 588201

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 31.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 81.297 ng

RT: 9.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

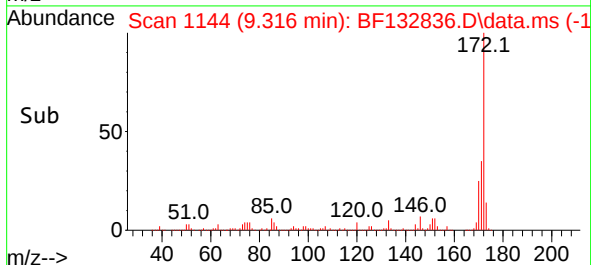
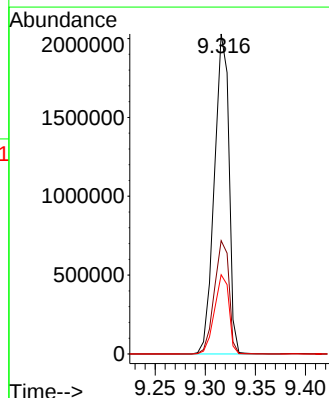
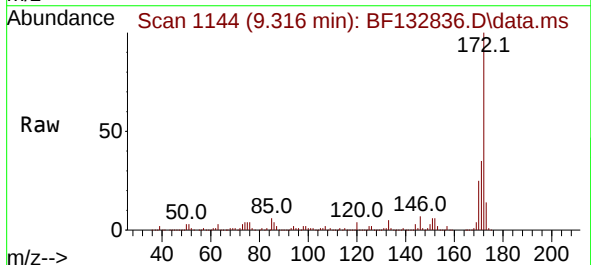
Tgt Ion:172 Resp: 2056497

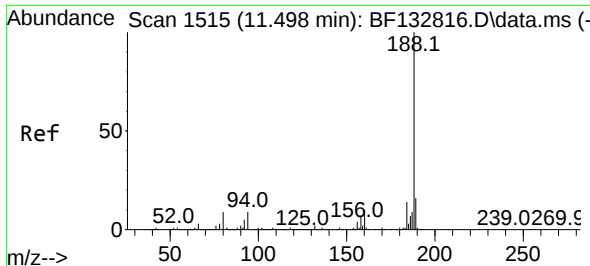
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 24.8 19.8 29.8

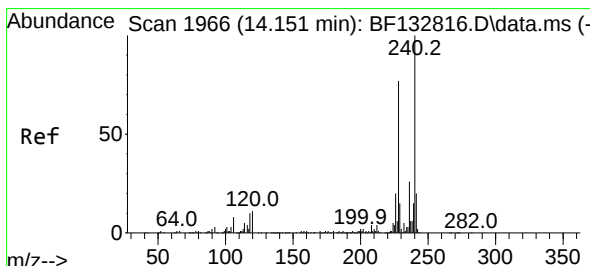
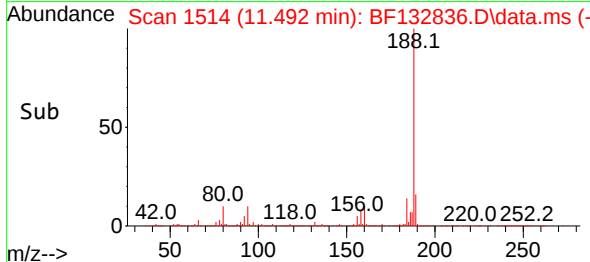
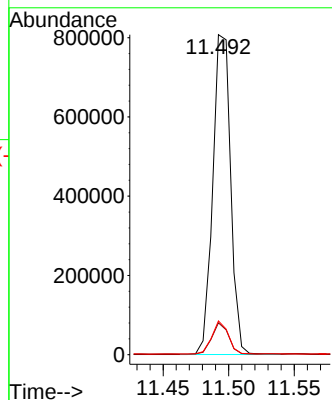
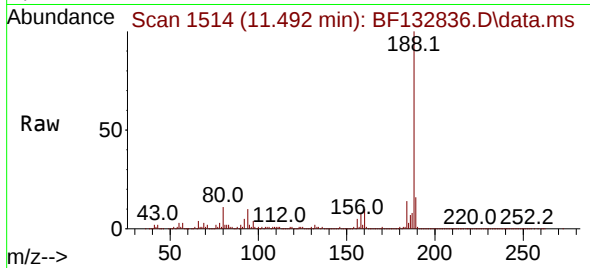




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

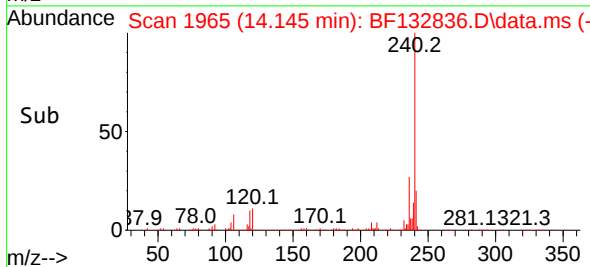
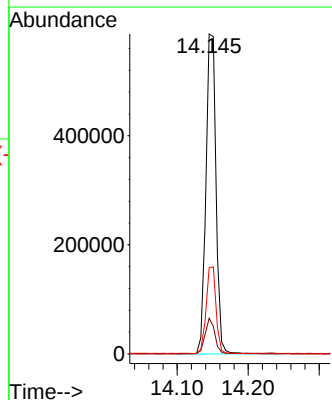
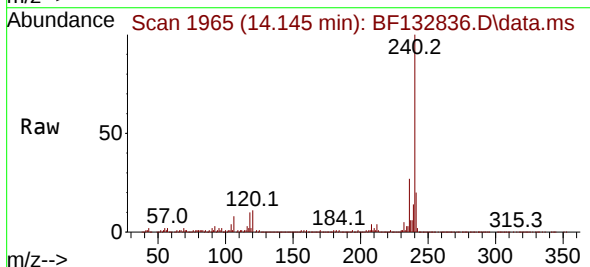
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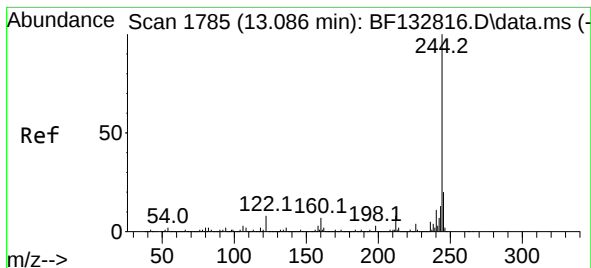
Tgt Ion:188 Resp: 766158
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:240 Resp: 583299
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 27.0 21.2 31.8





#79

Terphenyl-d14

Concen: 81.619 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

Instrument :

BNA_F

ClientSampleId :

SV-TP1-0316

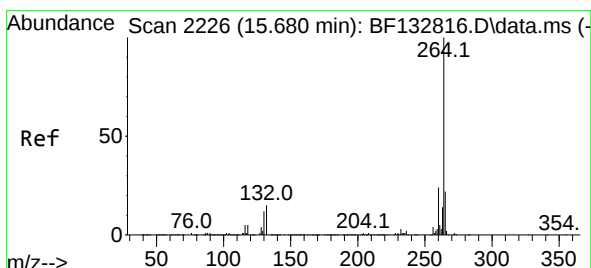
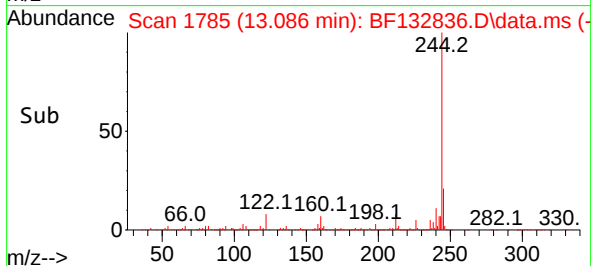
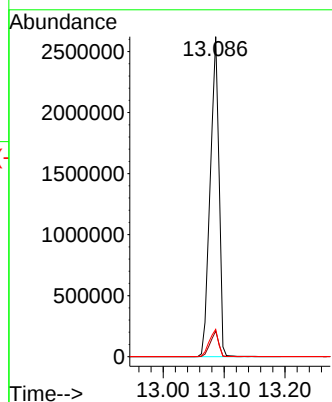
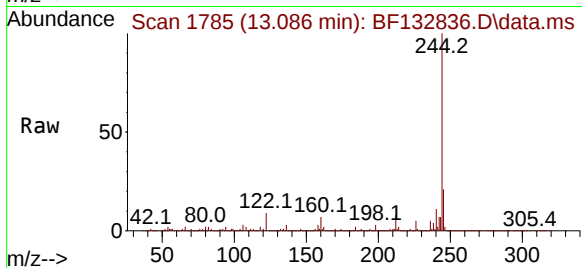
Tgt Ion:244 Resp: 2636572

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 8.5 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

Tgt Ion:264 Resp: 524667

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 21.5 17.4 26.0

