

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133543.D
 Acq On : 31 May 2023 17:17
 Operator : CG\JU
 Sample : 02981-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: May 31 18:13:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

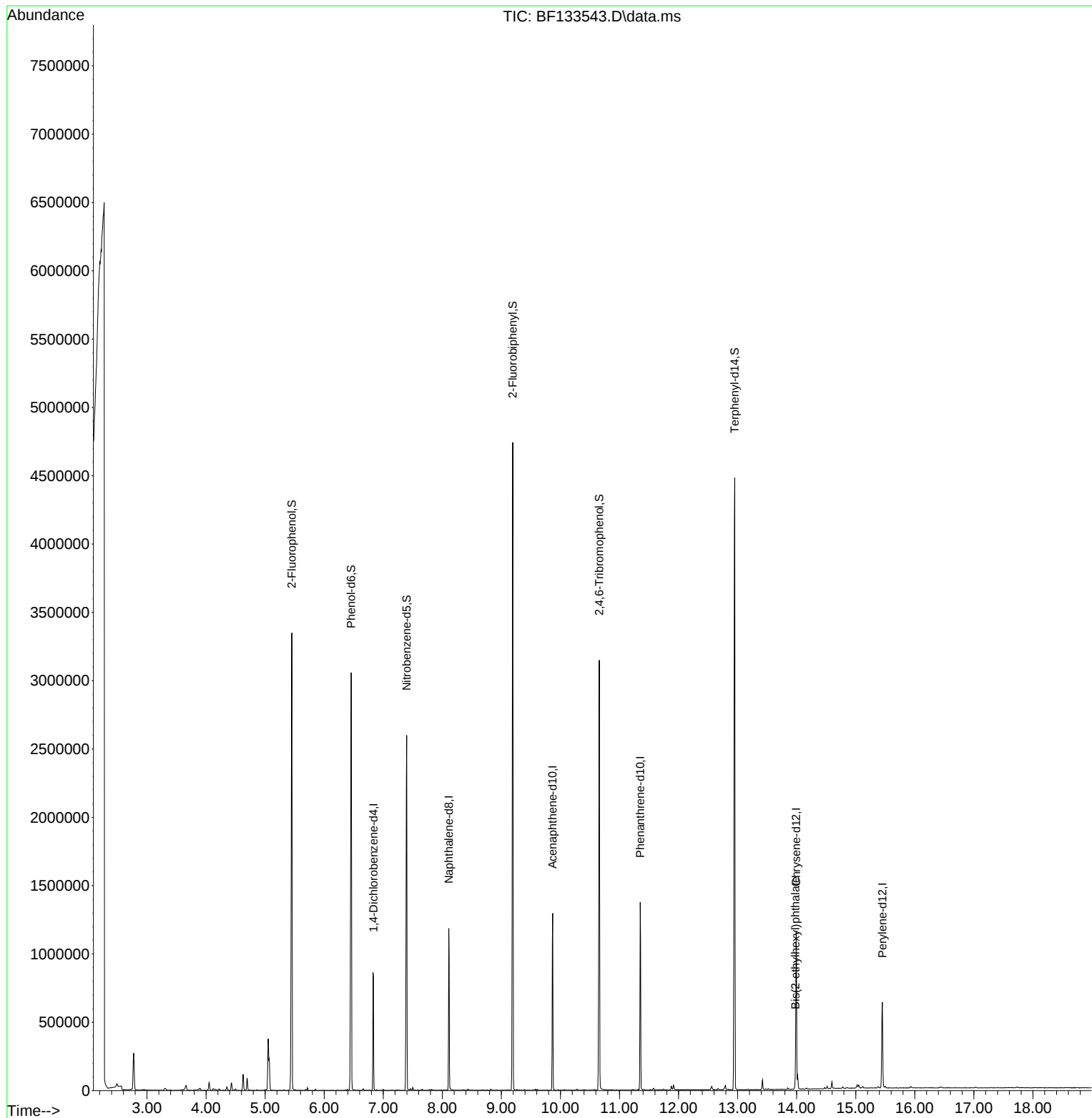
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	124413	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	484133	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	245028	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	483156	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	350059	20.000	ng	-0.01
86) Perylene-d12	15.451	264	284603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	932306	125.029	ng	0.01
7) Phenol-d6	6.457	99	1074271	117.032	ng	0.00
23) Nitrobenzene-d5	7.398	82	792754	109.332	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	382652	156.665	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1416284	89.212	ng	0.00
79) Terphenyl-d14	12.951	244	1775346	90.172	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.980	149	32196	2.185	ng	Qvalue # 96

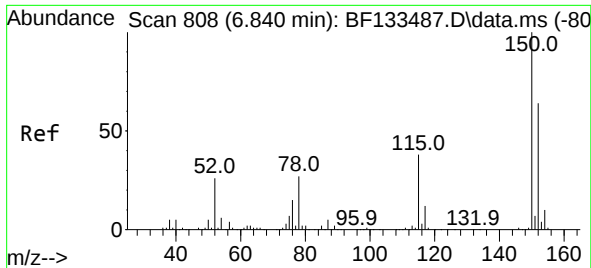
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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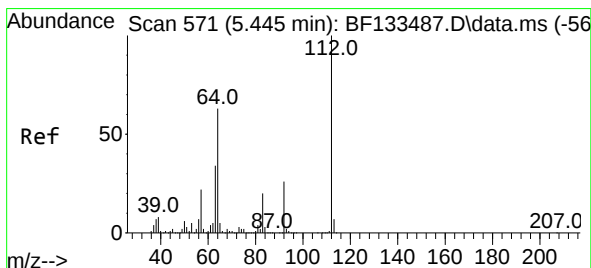
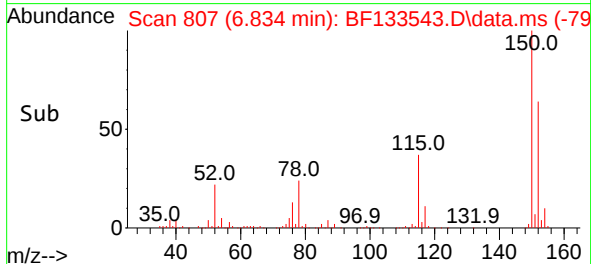
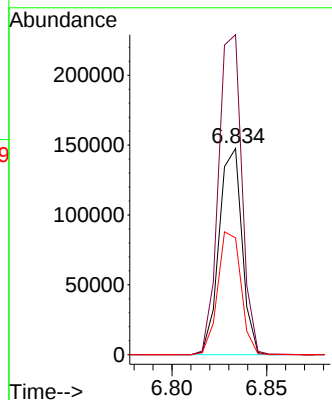
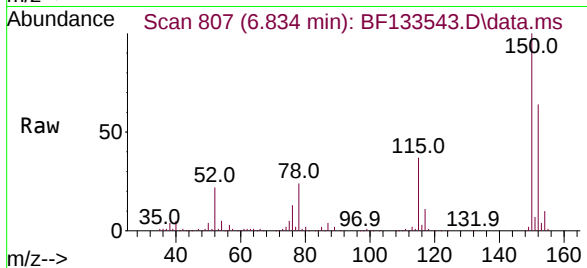




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133543.D
Acq: 31 May 2023 17:17

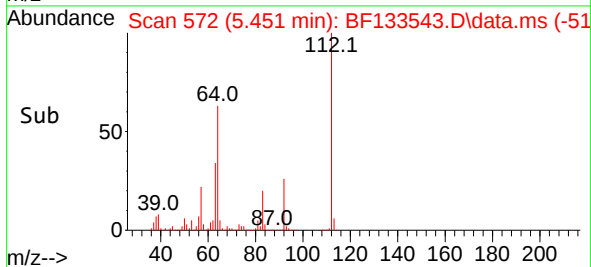
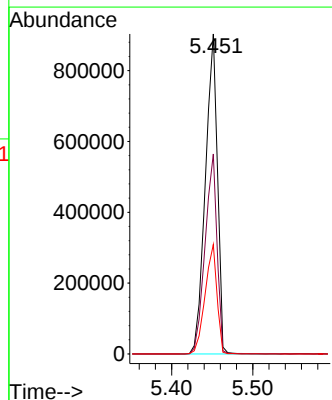
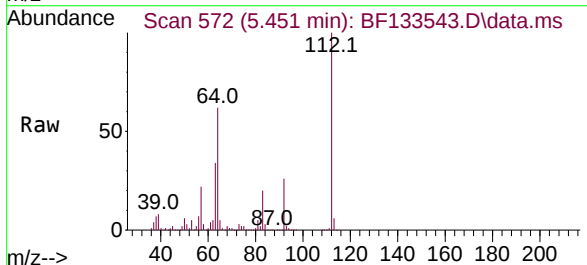
Instrument :
BNA_F
ClientSampleId :
TP-3

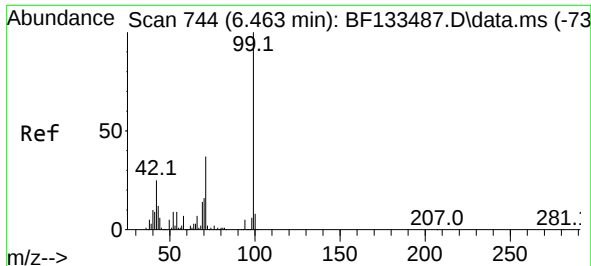
Tgt Ion:152 Resp: 124413
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 56.7 48.1 72.1



#5
2-Fluorophenol
Concen: 125.029 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133543.D
Acq: 31 May 2023 17:17

Tgt Ion:112 Resp: 932306
Ion Ratio Lower Upper
112 100
64 62.5 50.1 75.1
63 34.2 27.5 41.3

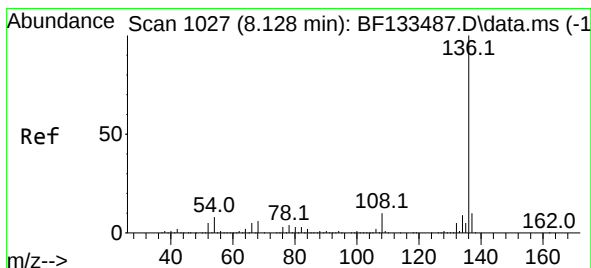
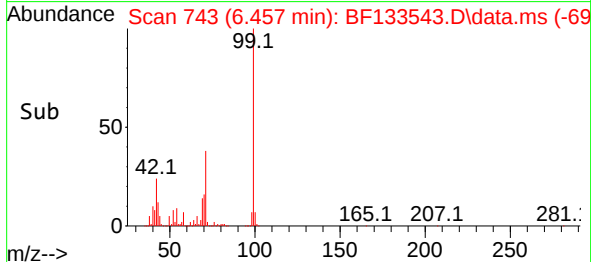
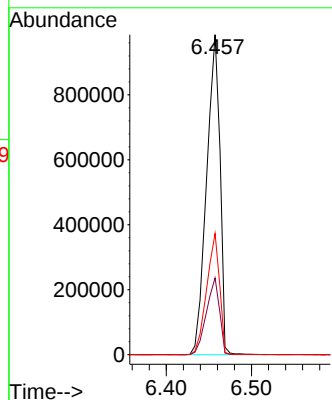
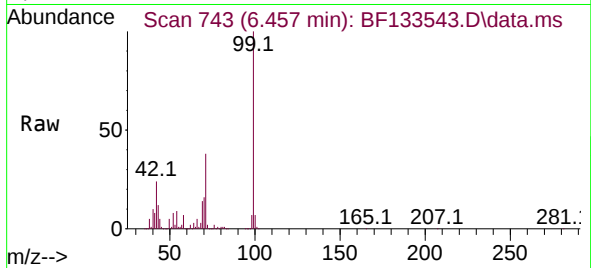




#7
Phenol-d6
Concen: 117.032 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133543.D
Acq: 31 May 2023 17:17

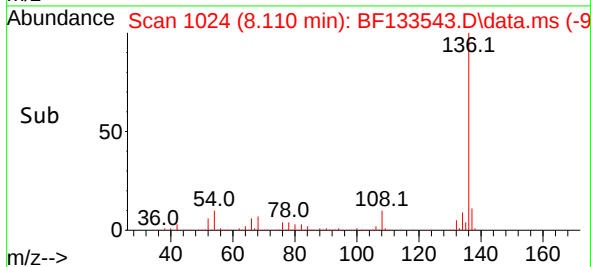
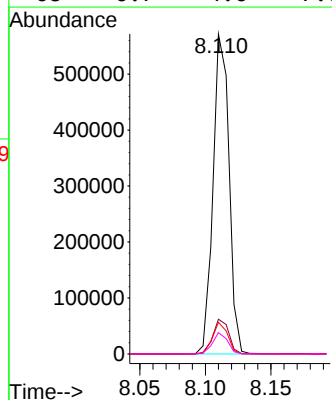
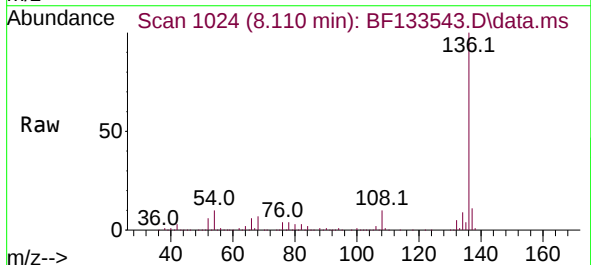
Instrument :
BNA_F
ClientSampleId :
TP-3

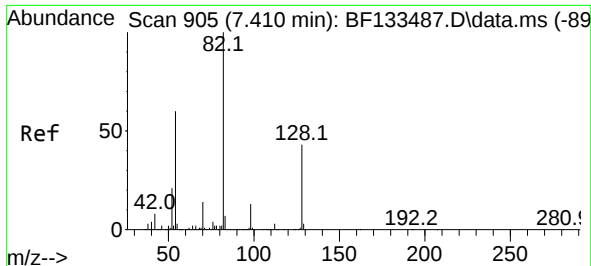
Tgt Ion: 99 Resp: 1074271
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 37.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133543.D
Acq: 31 May 2023 17:17

Tgt Ion: 136 Resp: 484133
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.9 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 109.332 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133543.D

Acq: 31 May 2023 17:17

Instrument :

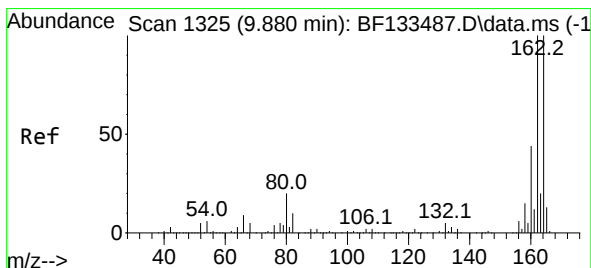
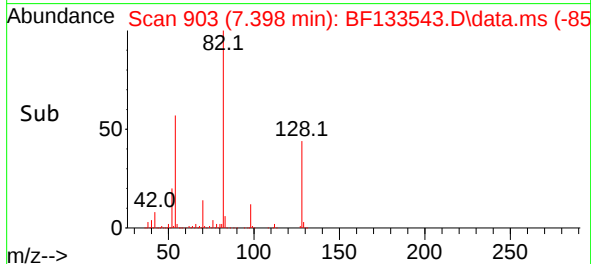
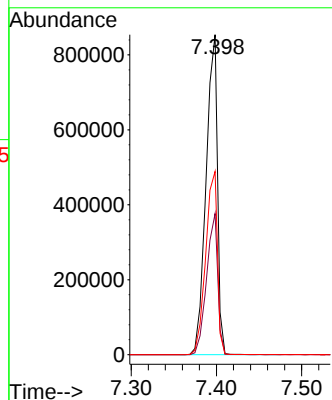
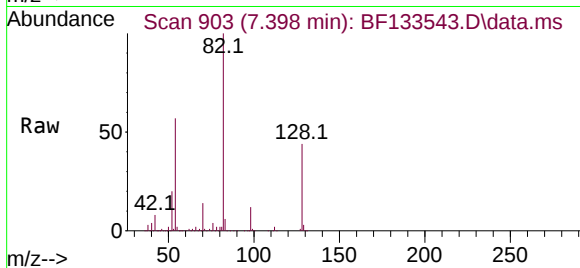
BNA_F

ClientSampleId :

TP-3

Tgt Ion: 82 Resp: 792754

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.4
54	57.3	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

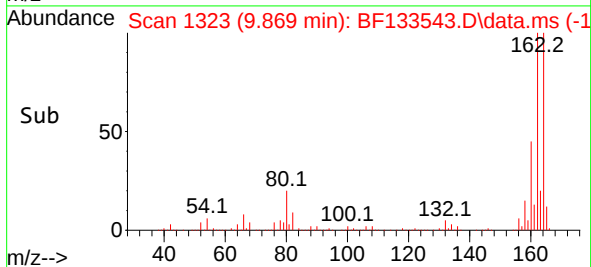
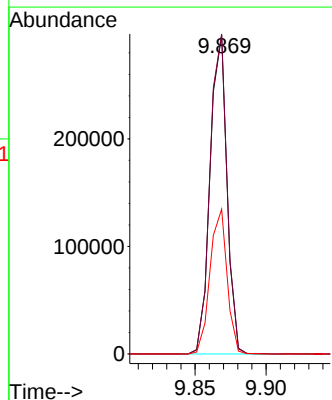
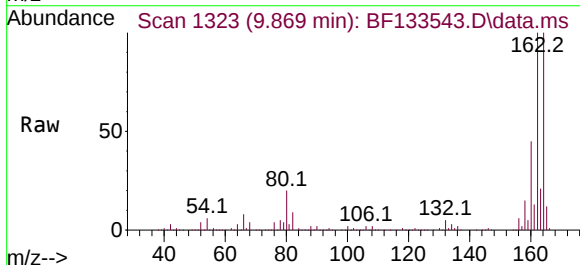
Delta R.T. -0.006 min

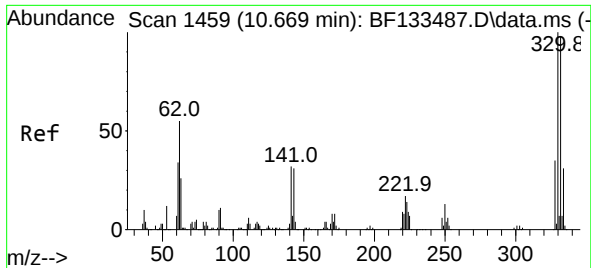
Lab File: BF133543.D

Acq: 31 May 2023 17:17

Tgt Ion: 164 Resp: 245028

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.7	119.5
160	45.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 156.665 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133543.D

Acq: 31 May 2023 17:17

Instrument :

BNA_F

ClientSampleId :

TP-3

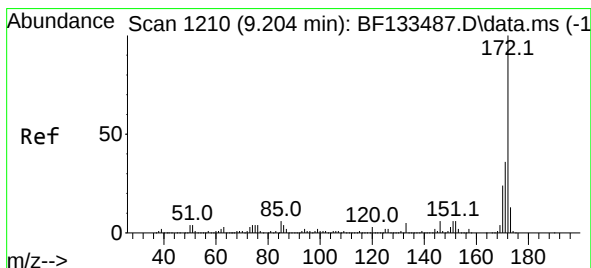
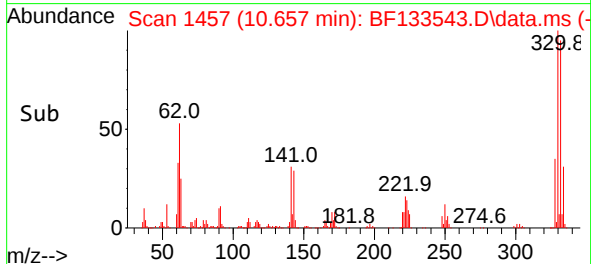
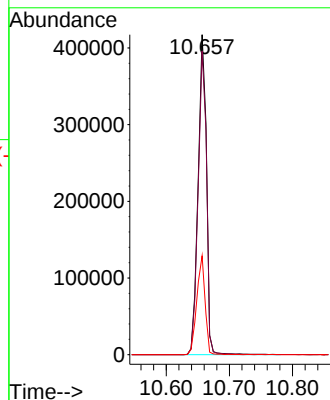
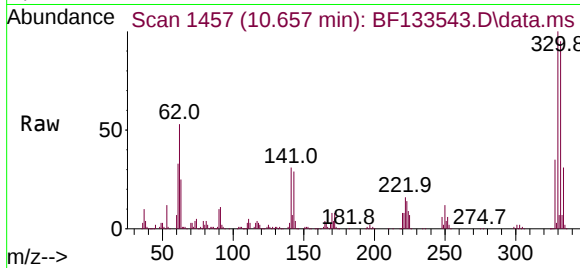
Tgt Ion:330 Resp: 382652

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

141 30.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 89.212 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133543.D

Acq: 31 May 2023 17:17

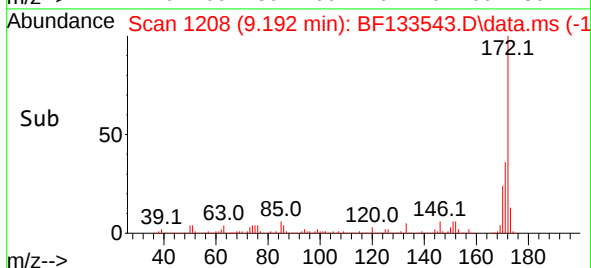
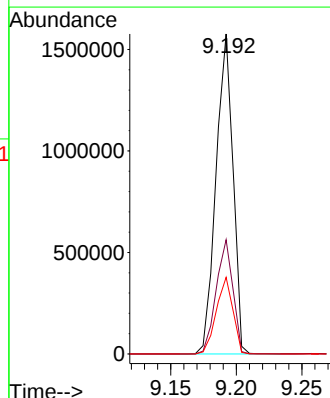
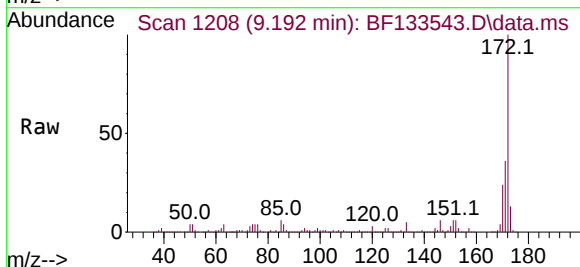
Tgt Ion:172 Resp: 1416284

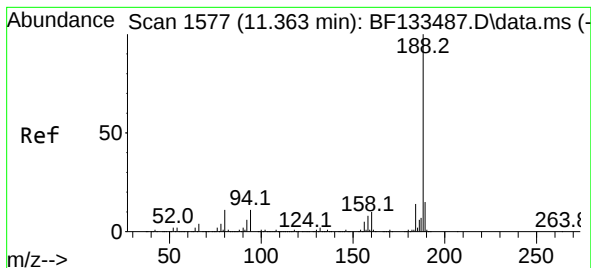
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133543.D

Acq: 31 May 2023 17:17

Instrument :

BNA_F

ClientSampleId :

TP-3

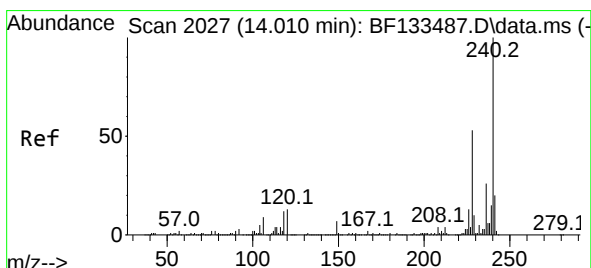
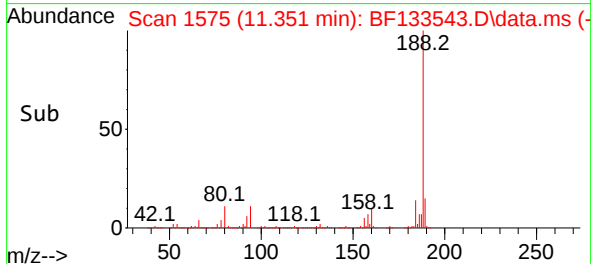
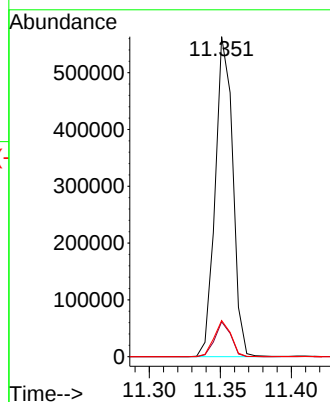
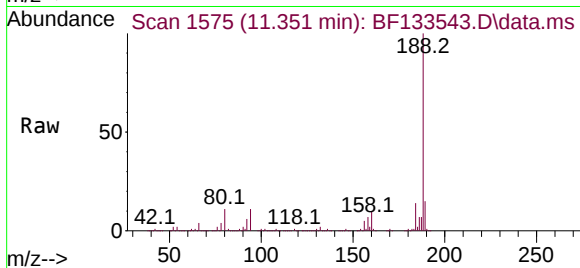
Tgt Ion:188 Resp: 483156

Ion Ratio Lower Upper

188 100

94 10.9 8.6 12.8

80 11.3 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133543.D

Acq: 31 May 2023 17:17

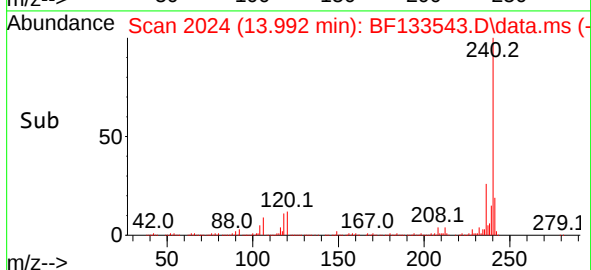
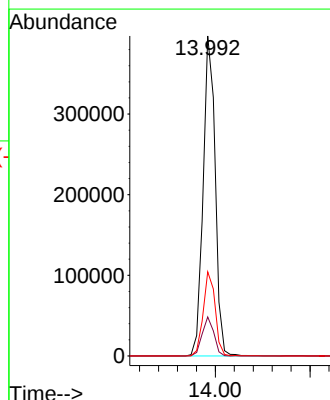
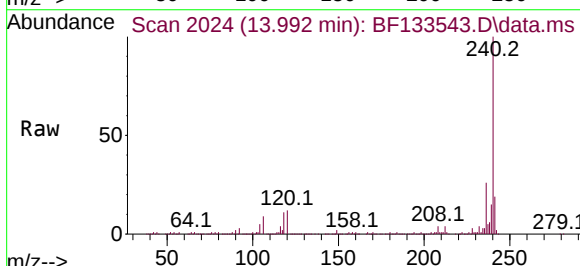
Tgt Ion:240 Resp: 350059

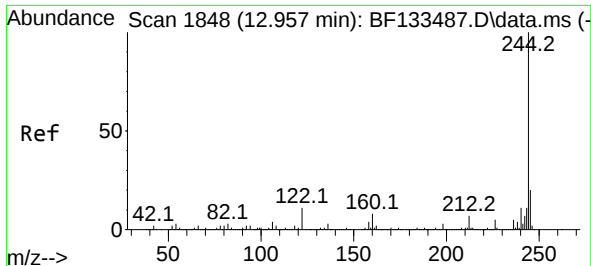
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 26.3 20.5 30.7

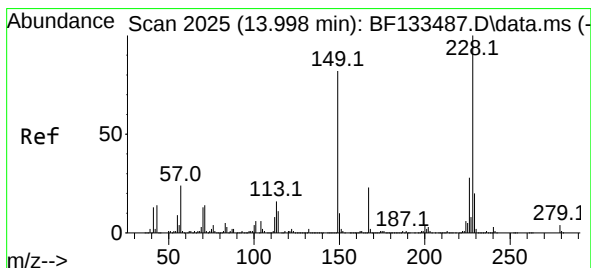
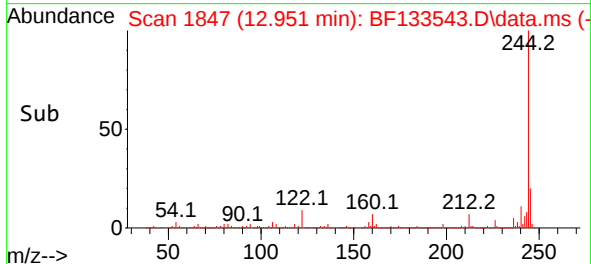
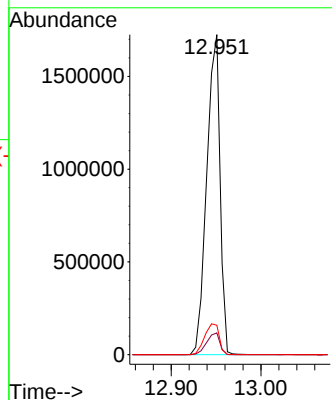
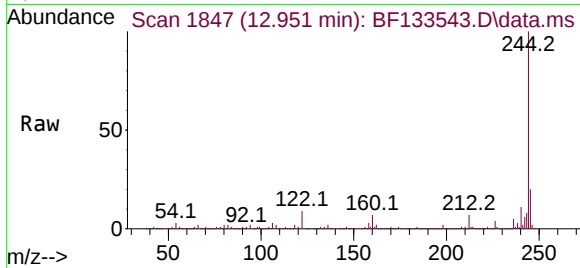




#79
 Terphenyl-d14
 Concen: 90.172 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133543.D
 Acq: 31 May 2023 17:17

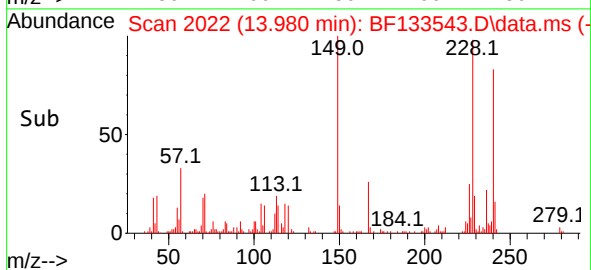
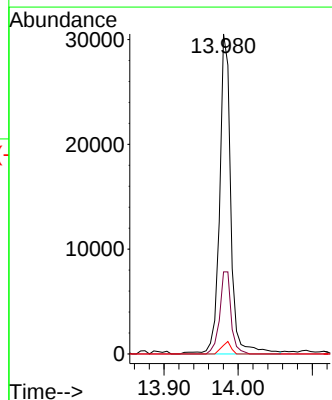
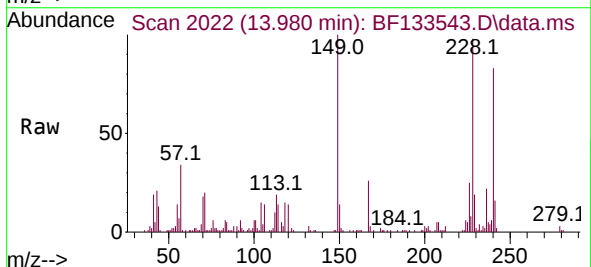
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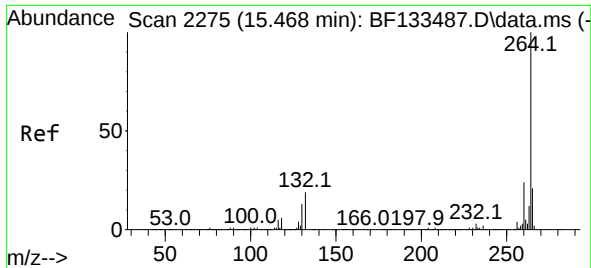
Tgt Ion:244 Resp: 1775346
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.2 8.5 12.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.185 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF133543.D
 Acq: 31 May 2023 17:17

Tgt Ion:149 Resp: 32196
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.0 33.0
 279 2.7 3.6 5.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133543.D
 Acq: 31 May 2023 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:264 Resp: 284603
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.6 16.8 25.2

