

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133505.D
 Acq On : 26 May 2023 18:26
 Operator : CG\JU
 Sample : 02916-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-621-COMP-01

Quant Time: May 27 01:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	139358	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	544150	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	263386	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	503050	20.000	ng	0.00
76) Chrysene-d12	14.004	240	386801	20.000	ng	0.00
86) Perylene-d12	15.462	264	344485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1055483	126.368	ng	0.02
7) Phenol-d6	6.463	99	1194662	116.190	ng	0.00
23) Nitrobenzene-d5	7.404	82	899195	110.333	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	376252	143.308	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1552711	90.989	ng	0.00
79) Terphenyl-d14	12.957	244	1772414	81.471	ng	0.00

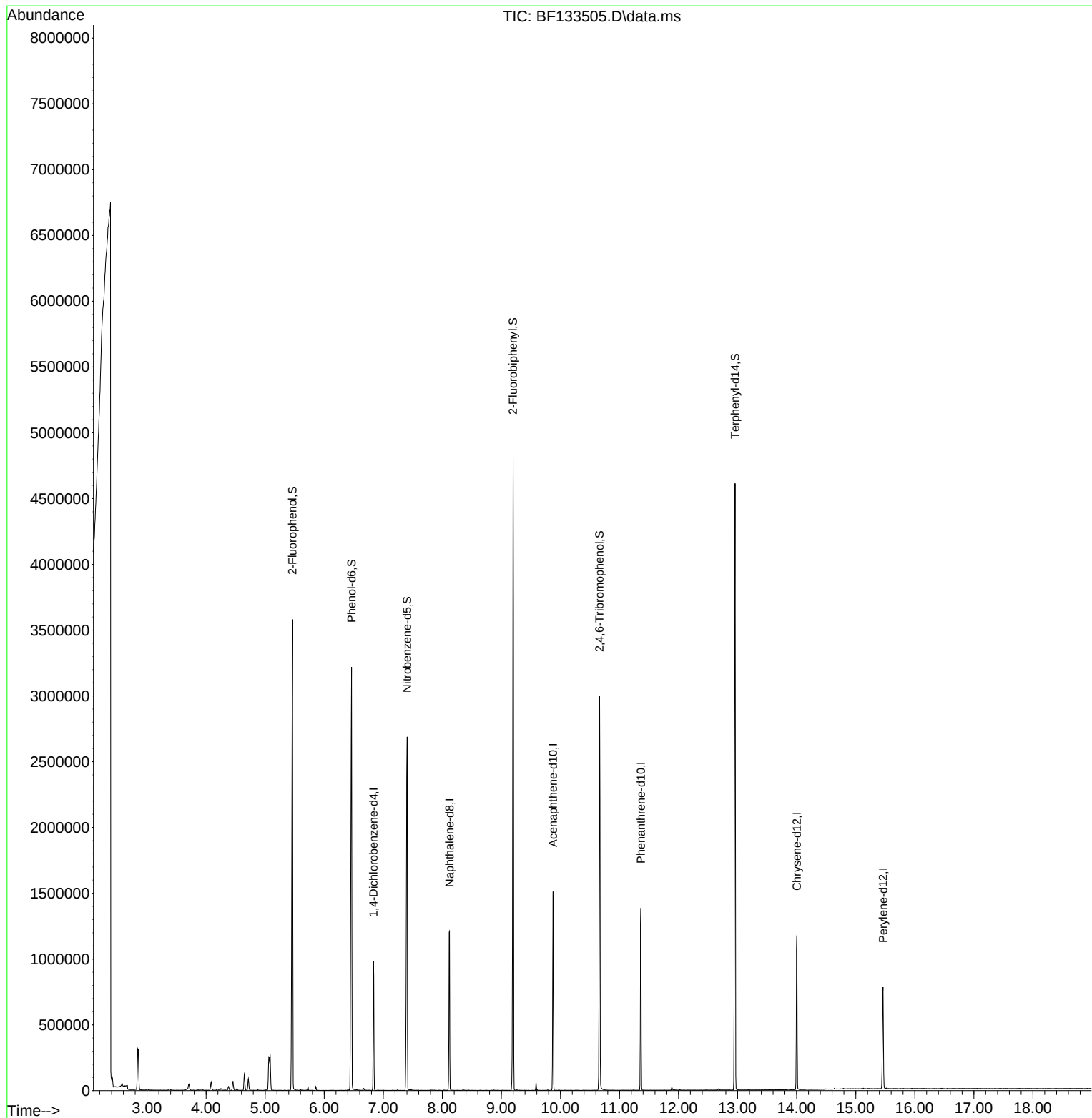
Target Compounds	Qvalue

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

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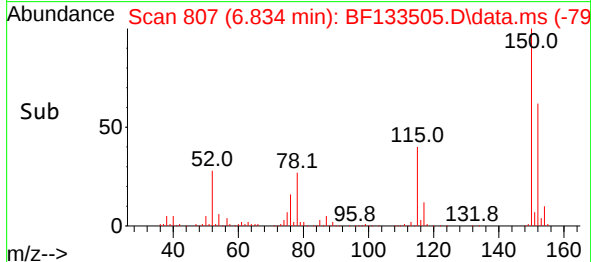
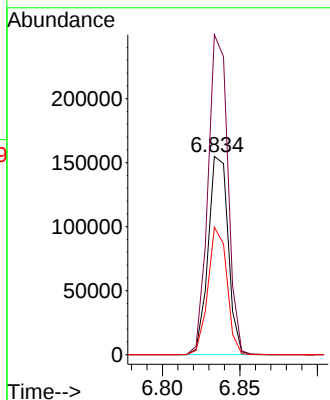
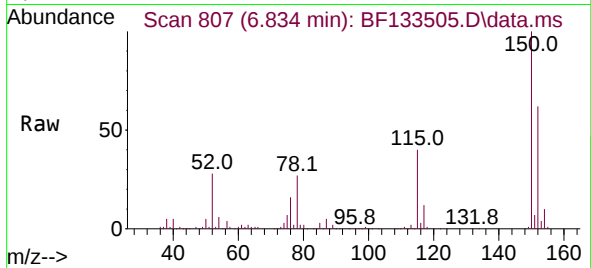




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133505.D
Acq: 26 May 2023 18:26

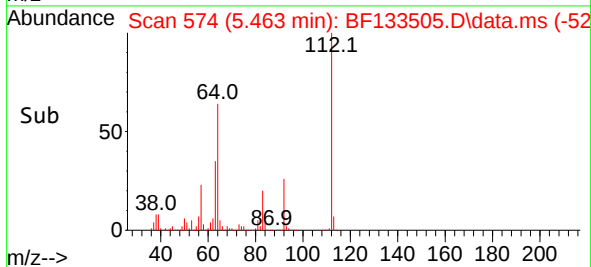
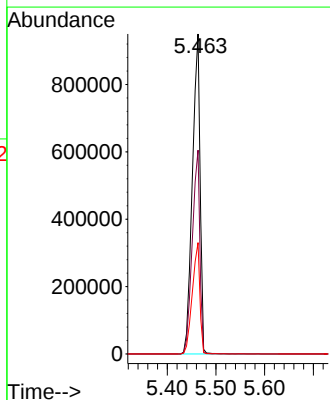
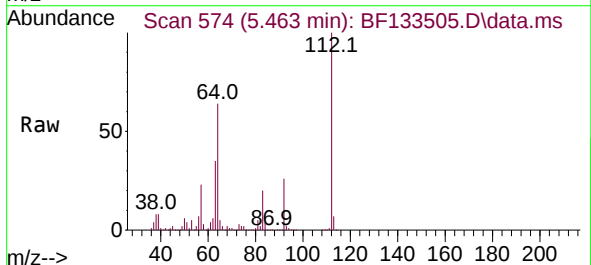
Instrument :
BNA_F
ClientSampleId :
SU-621-COMP-01

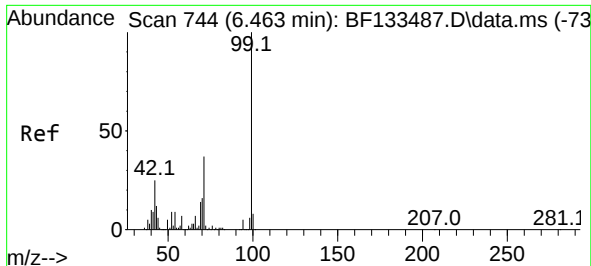
Tgt Ion:152 Resp: 139358
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 64.2 48.1 72.1



#5
2-Fluorophenol
Concen: 126.368 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.018 min
Lab File: BF133505.D
Acq: 26 May 2023 18:26

Tgt Ion:112 Resp: 1055483
Ion Ratio Lower Upper
112 100
64 63.7 50.1 75.1
63 34.8 27.5 41.3



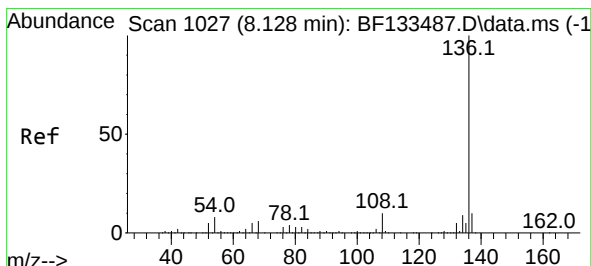
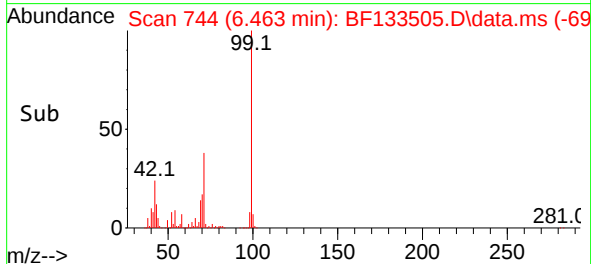
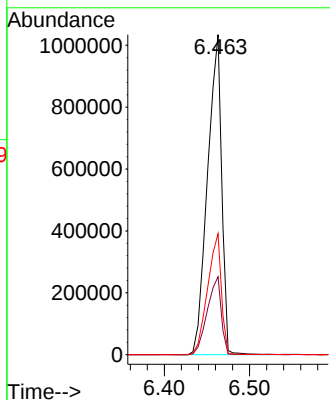
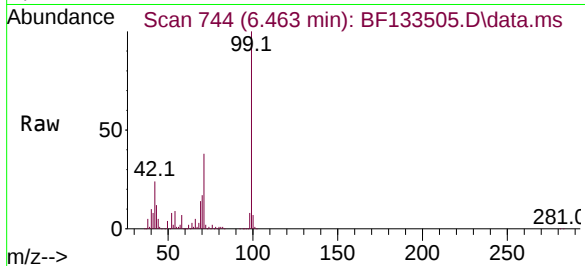


#7
Phenol-d6
Concen: 116.190 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133505.D
Acq: 26 May 2023 18:26

Instrument :
BNA_F
ClientSampleId :
SU-621-COMP-01

Tgt Ion: 99 Resp: 1194662

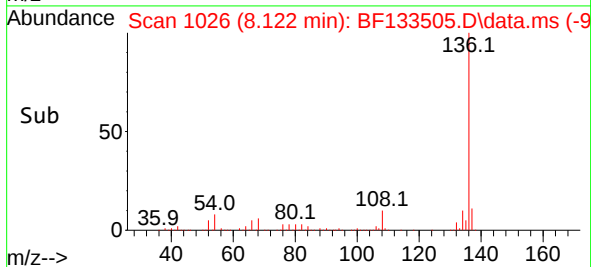
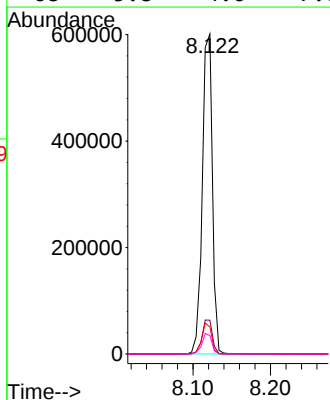
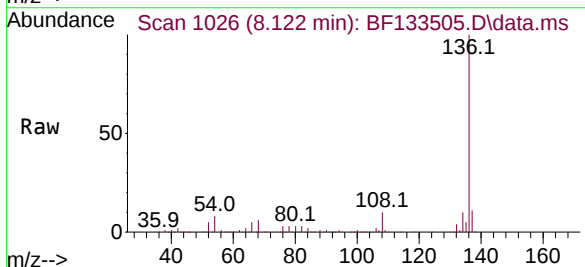
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.7	29.5
71	37.8	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133505.D
Acq: 26 May 2023 18:26

Tgt Ion: 136 Resp: 544150

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.5	6.6	10.0
68	5.8	4.6	7.0





#23

Nitrobenzene-d5

Concen: 110.333 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

Instrument :

BNA_F

ClientSampleId :

SU-621-COMP-01

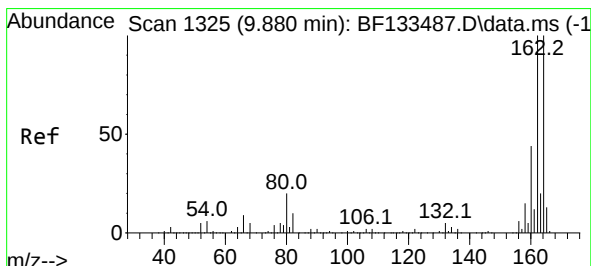
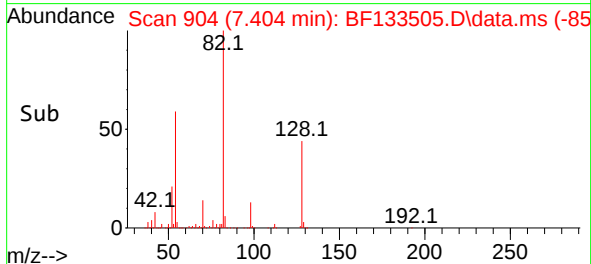
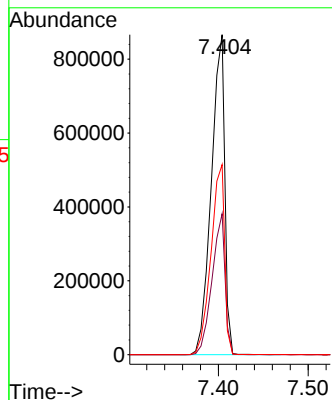
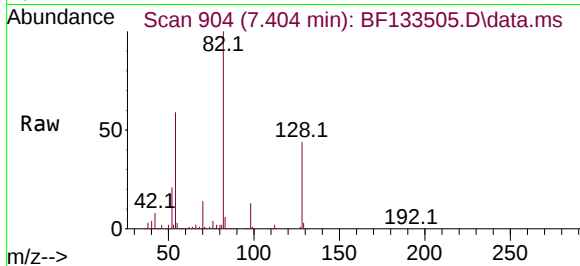
Tgt Ion: 82 Resp: 899195

Ion Ratio Lower Upper

82 100

128 44.0 34.2 51.4

54 59.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

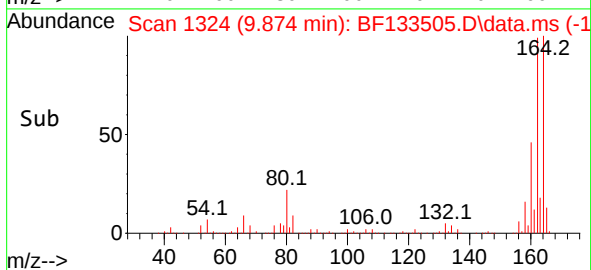
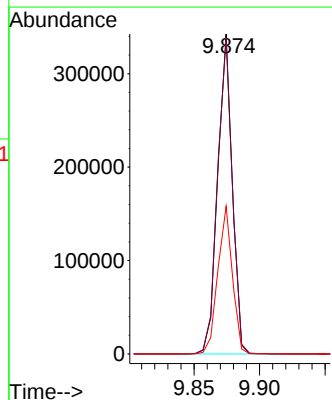
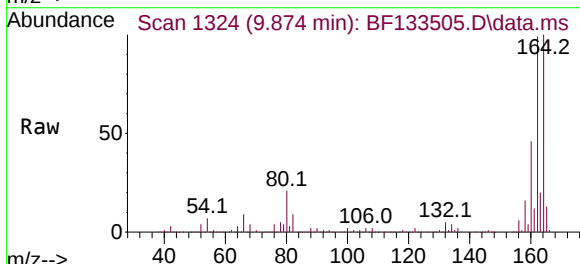
Tgt Ion: 164 Resp: 263386

Ion Ratio Lower Upper

164 100

162 98.8 79.7 119.5

160 46.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 143.308 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

Instrument :

BNA_F

ClientSampleId :

SU-621-COMP-01

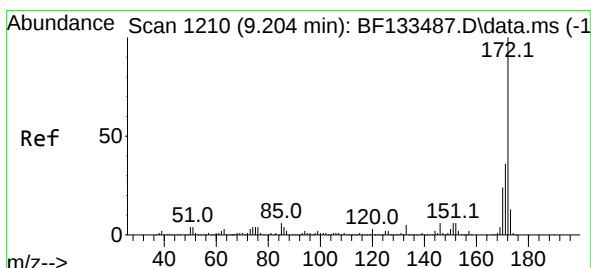
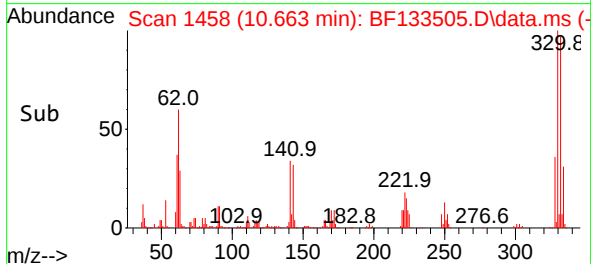
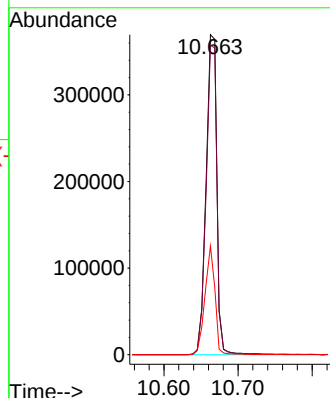
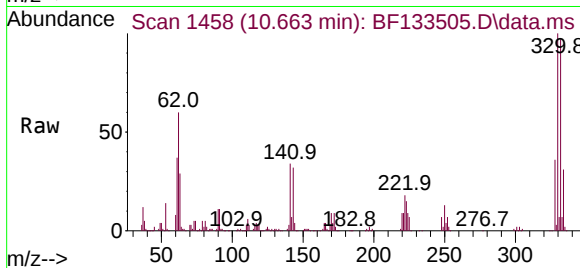
Tgt Ion:330 Resp: 376252

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

141 31.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 90.989 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

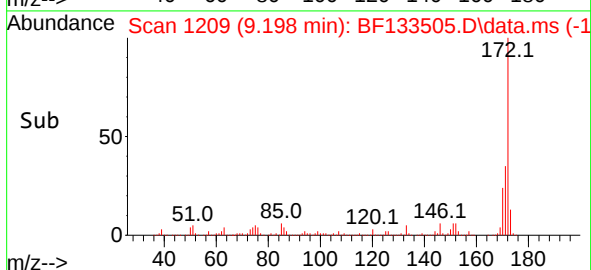
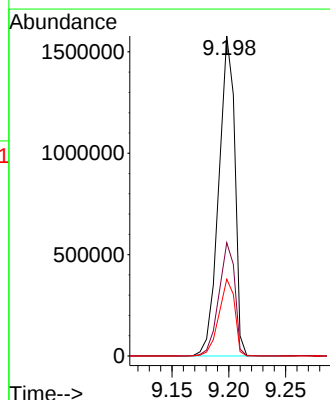
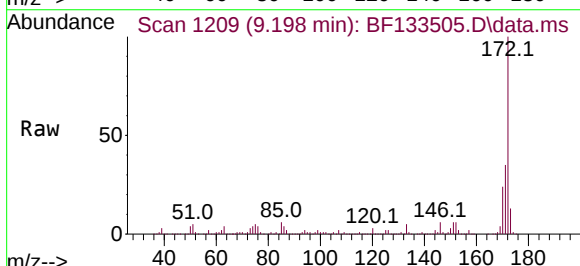
Tgt Ion:172 Resp: 1552711

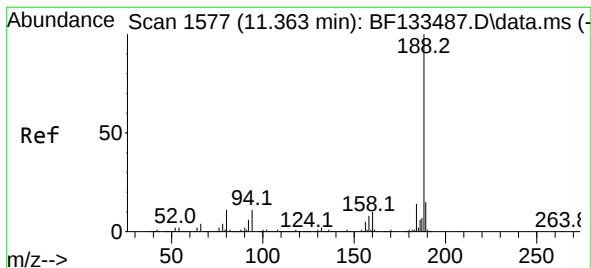
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.0 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

Instrument :

BNA_F

ClientSampleId :

SU-621-COMP-01

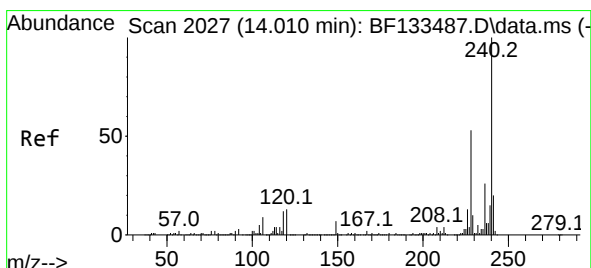
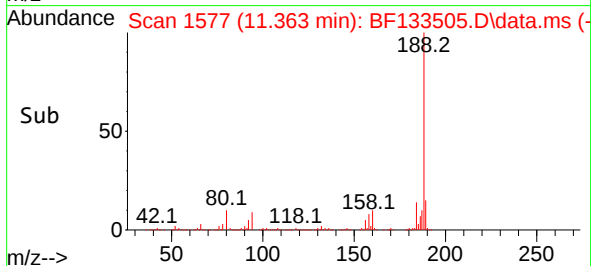
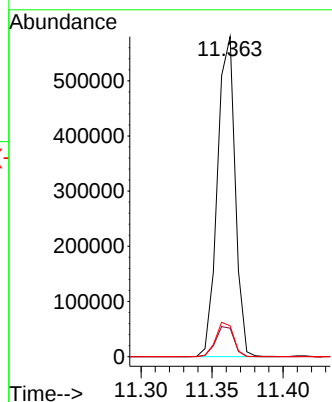
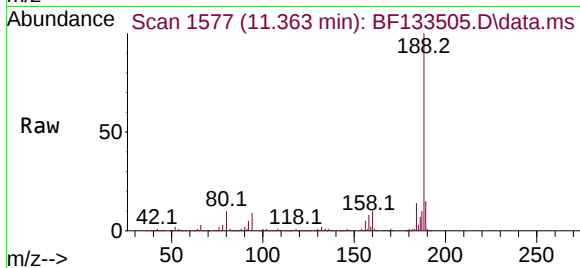
Tgt Ion:188 Resp: 503050

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

80 9.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133505.D

Acq: 26 May 2023 18:26

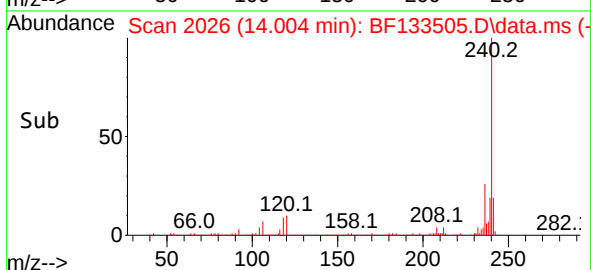
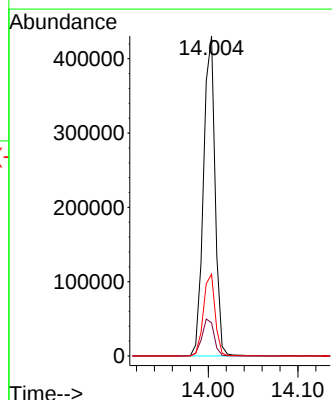
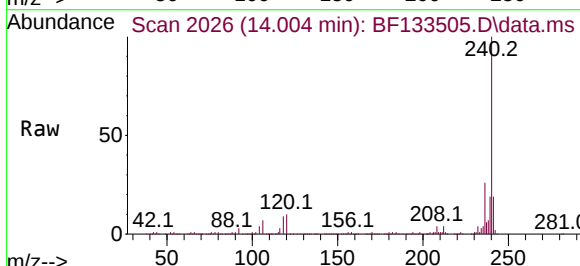
Tgt Ion:240 Resp: 386801

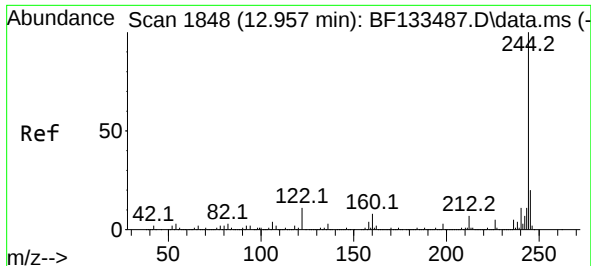
Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

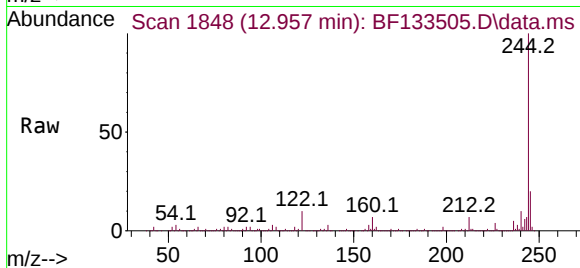
236 25.6 20.5 30.7





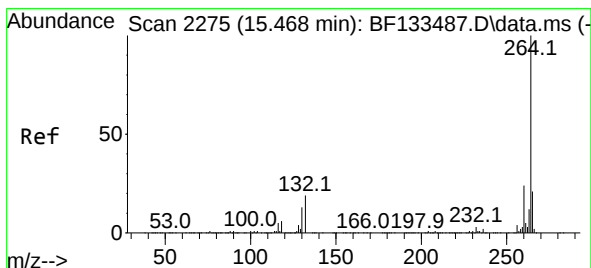
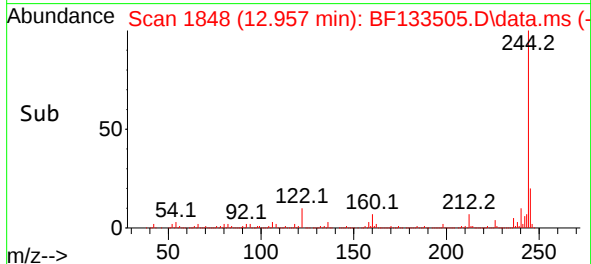
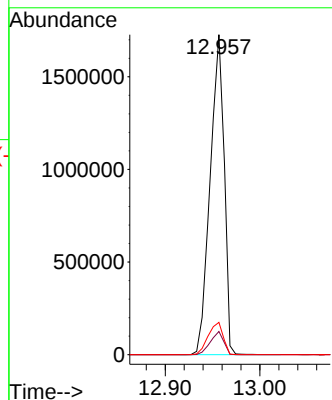
#79
 Terphenyl-d14
 Concen: 81.471 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133505.D
 Acq: 26 May 2023 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-621-COMP-01



Tgt Ion:244 Resp: 1772414

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.1	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133505.D
 Acq: 26 May 2023 18:26

Tgt Ion:264 Resp: 344485

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.5	16.8	25.2

