

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132571.D
 Acq On : 28 Feb 2023 14:40
 Operator : CG\JU
 Sample : 01703-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON1

Quant Time: Feb 28 15:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	180193	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	666250	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	365401	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	709440	20.000	ng	0.00
76) Chrysene-d12	14.204	240	515508	20.000	ng	0.00
86) Perylene-d12	15.751	264	390726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	865970	77.997	ng	0.00
7) Phenol-d6	6.628	99	1187282	81.938	ng	0.00
23) Nitrobenzene-d5	7.569	82	861375	61.339	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	326748	82.801	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1471051	61.300	ng	0.00
79) Terphenyl-d14	13.139	244	1885052	61.825	ng	0.00

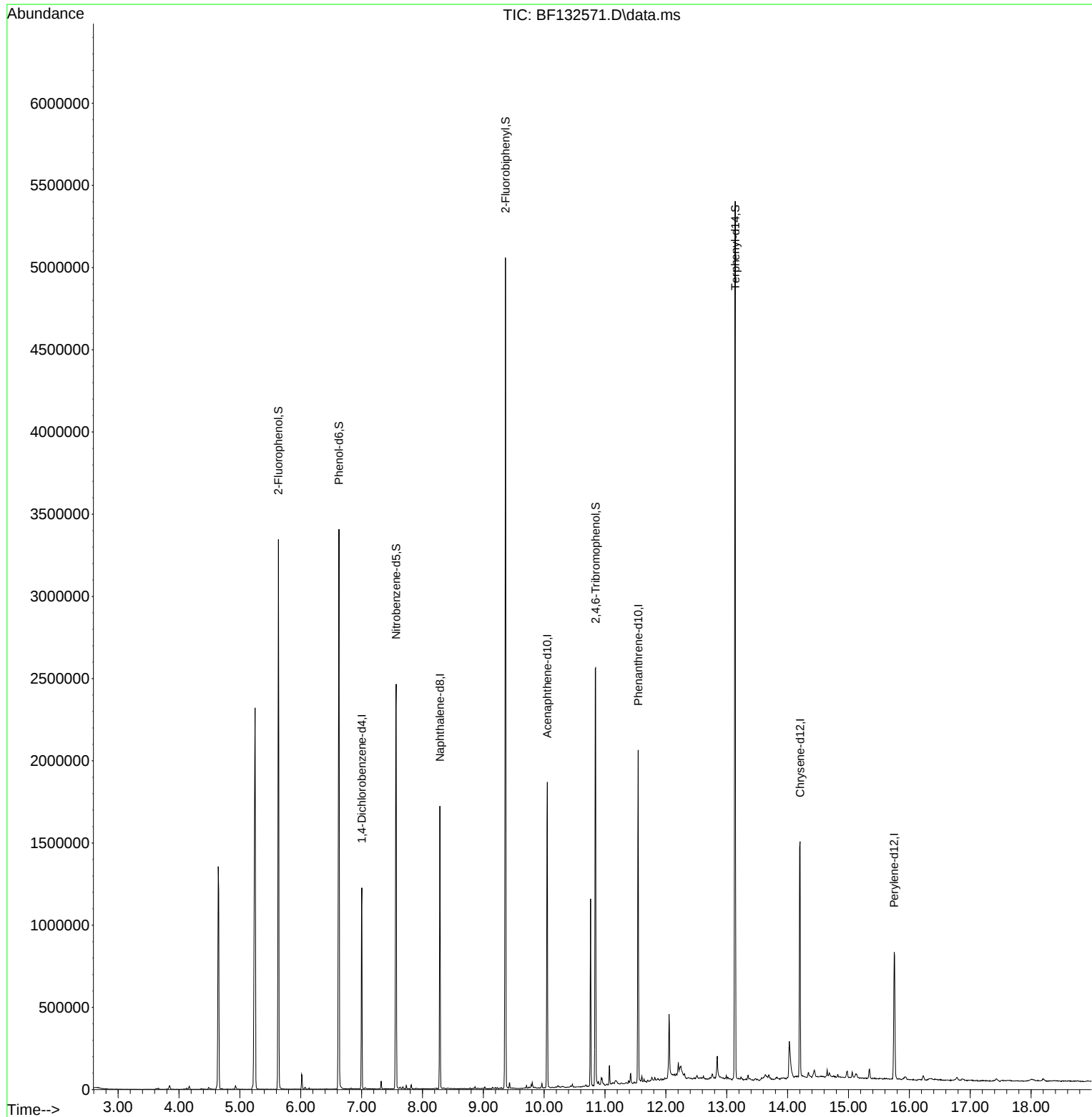
Target Compounds	Qvalue

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

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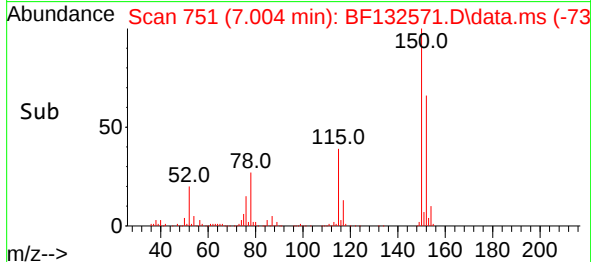
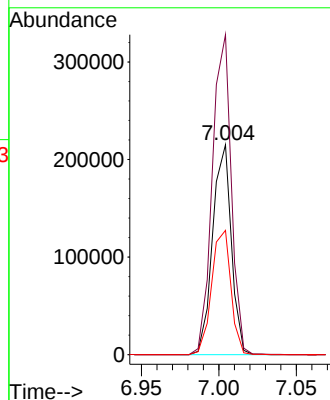
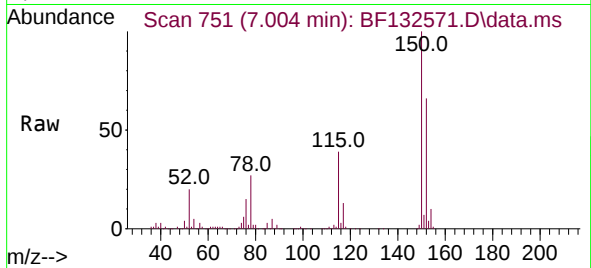




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

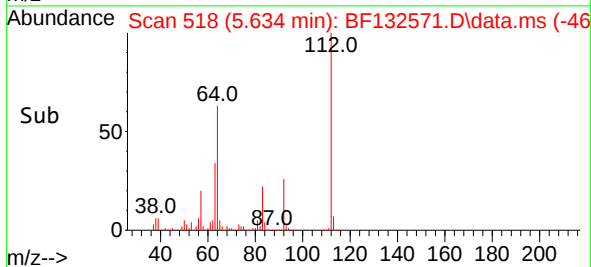
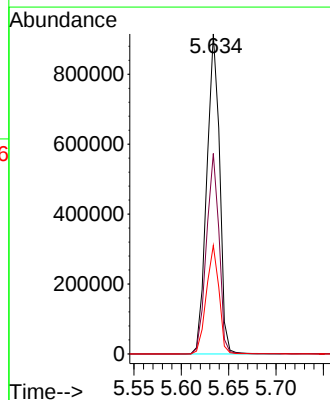
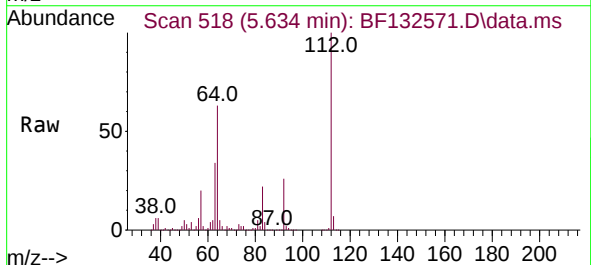
Instrument :
BNA_F
ClientSampleId :
KU-CON1

Tgt Ion:152 Resp: 180193
Ion Ratio Lower Upper
152 100
150 152.5 125.4 188.2
115 59.2 47.8 71.6



#5
2-Fluorophenol
Concen: 77.997 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion:112 Resp: 865970
Ion Ratio Lower Upper
112 100
64 62.6 51.6 77.4
63 33.9 27.4 41.2



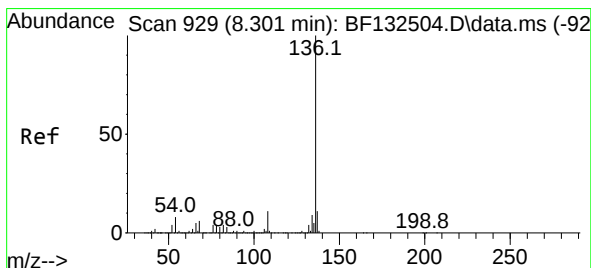
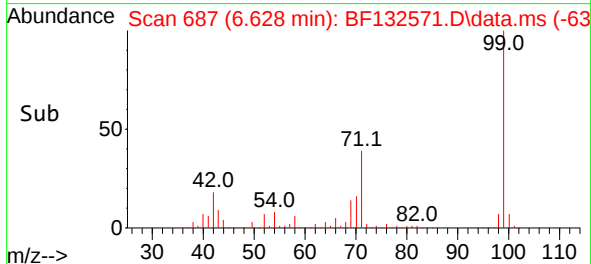
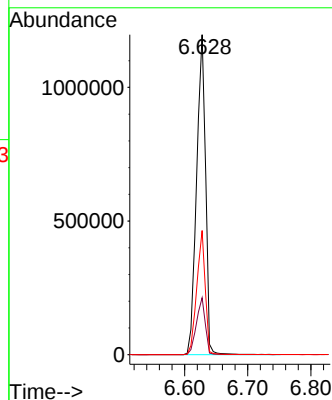
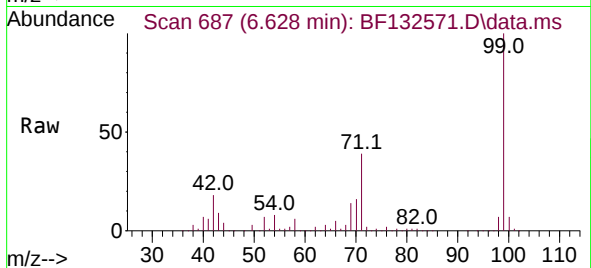


#7
Phenol-d6
Concen: 81.938 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Instrument :
BNA_F
ClientSampleId :
KU-CON1

Tgt Ion: 99 Resp: 1187282

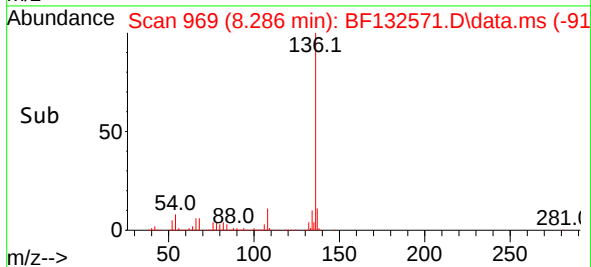
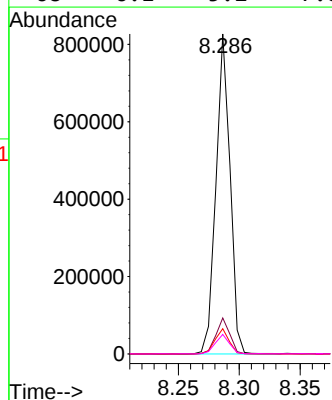
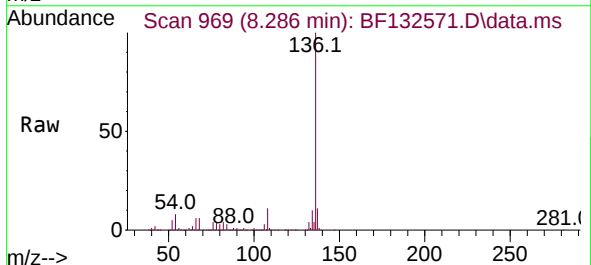
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.9	20.9
71	38.8	28.5	42.7

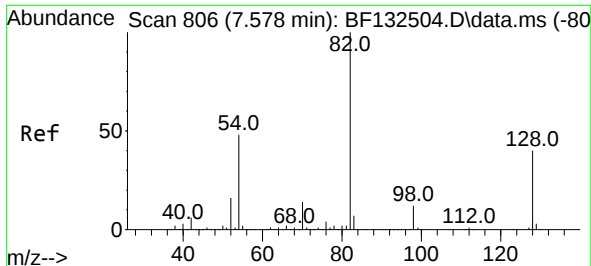


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion: 136 Resp: 666250

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.2	9.4
68	6.1	5.2	7.8

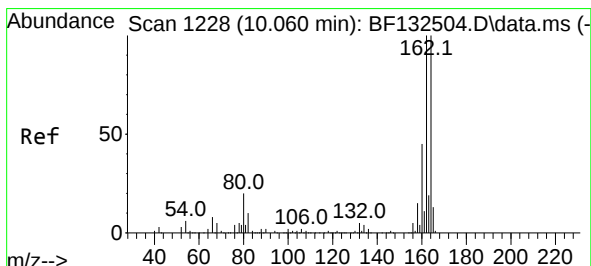
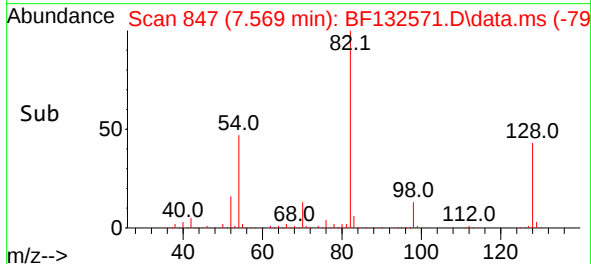
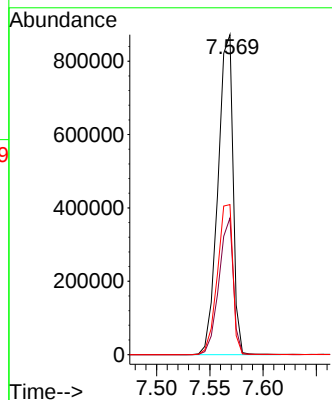
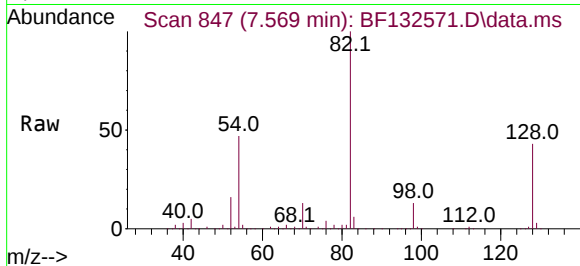




#23
Nitrobenzene-d5
Concen: 61.339 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

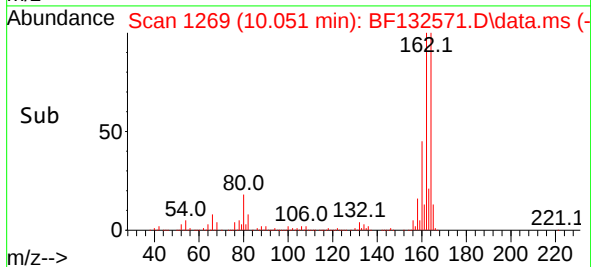
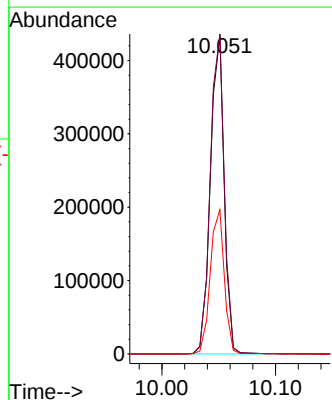
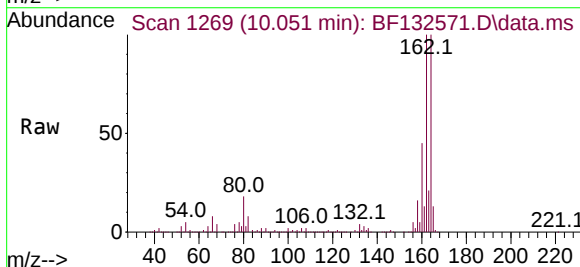
Instrument :
BNA_F
ClientSampleId :
KU-CON1

Tgt Ion: 82 Resp: 861375
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 46.9 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion:164 Resp: 365401
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 82.801 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

Instrument :

BNA_F

ClientSampleId :

KU-CON1

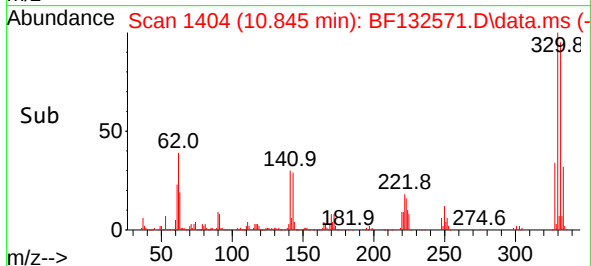
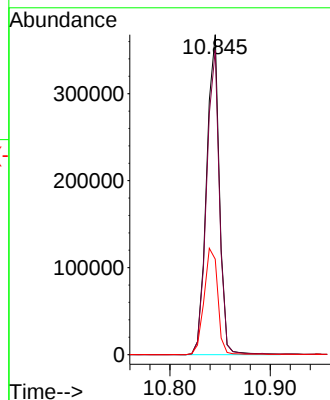
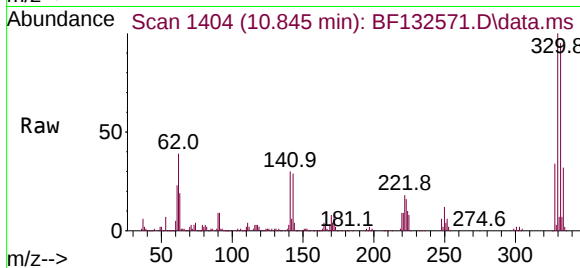
Tgt Ion:330 Resp: 326748

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 35.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 61.300 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

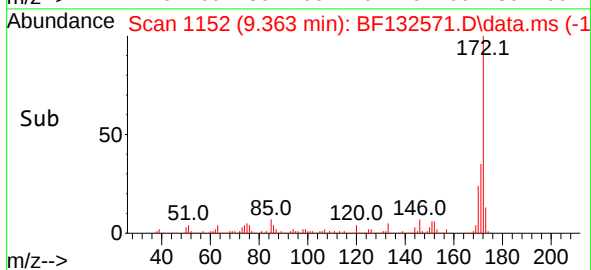
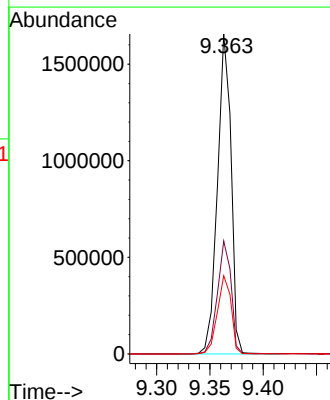
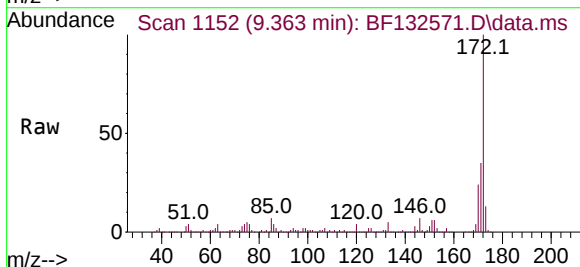
Tgt Ion:172 Resp: 1471051

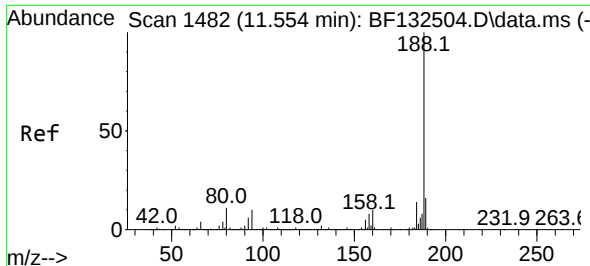
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.4 19.7 29.5

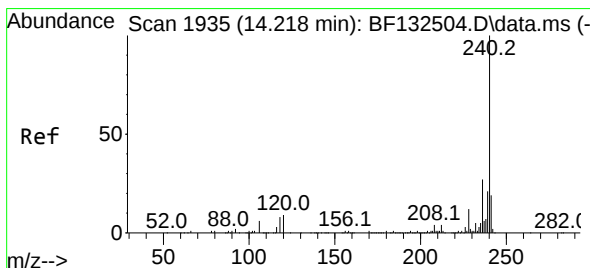
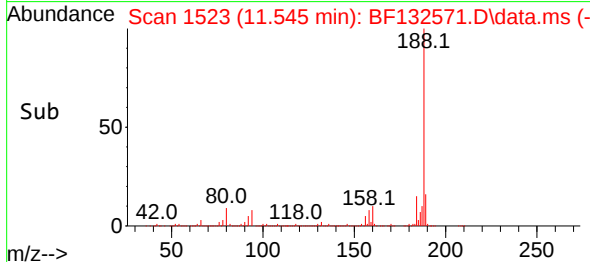
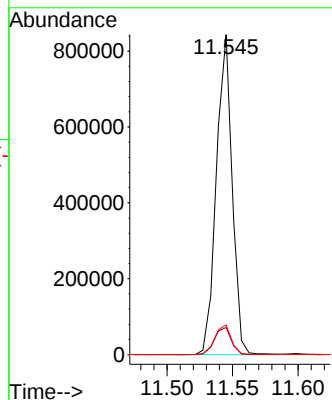
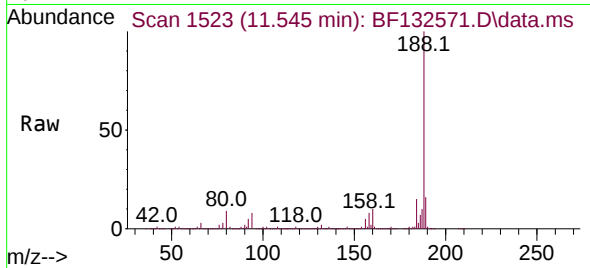




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

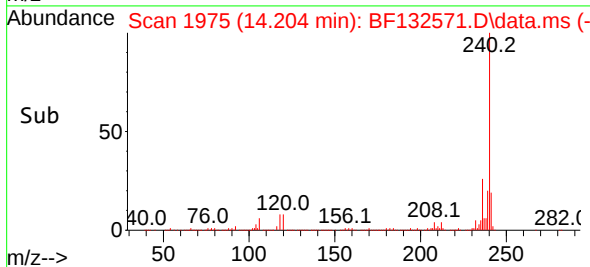
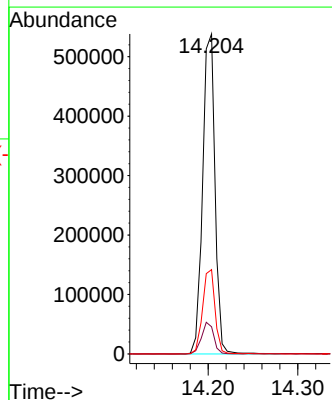
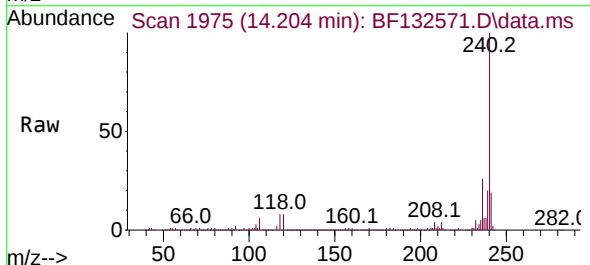
Instrument :
BNA_F
ClientSampleId :
KU-CON1

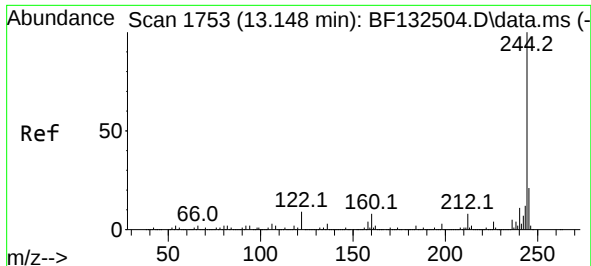
Tgt Ion:188 Resp: 709440
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 9.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

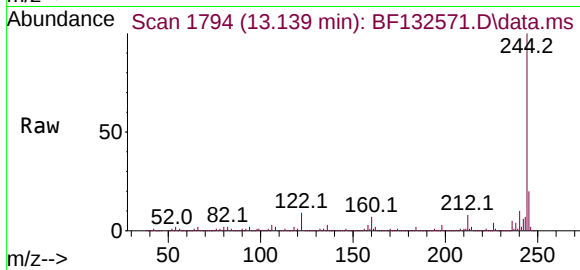
Tgt Ion:240 Resp: 515508
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.3 21.8 32.6



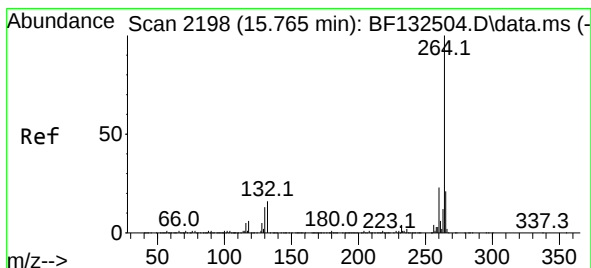
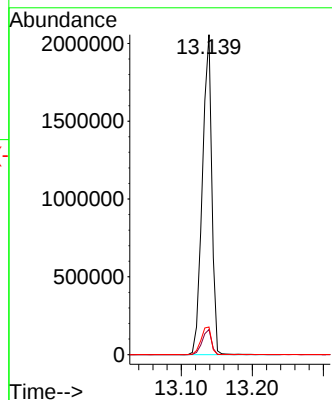
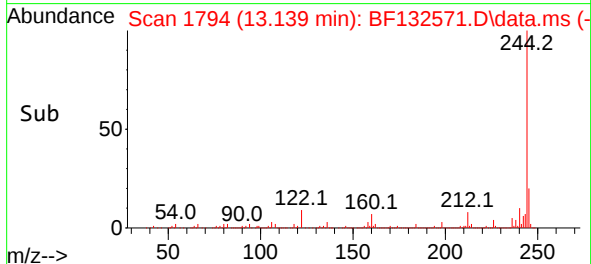


#79
 Terphenyl-d14
 Concen: 61.825 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132571.D
 Acq: 28 Feb 2023 14:40

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON1



Tgt Ion:244 Resp: 1885052
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132571.D
 Acq: 28 Feb 2023 14:40

Tgt Ion:264 Resp: 390726
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.7 17.1 25.7

