

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019613.D
 Acq On : 08 Feb 2024 17:45
 Operator : MA/JU
 Sample : P1374-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-020524

Quant Time: Feb 08 18:15:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

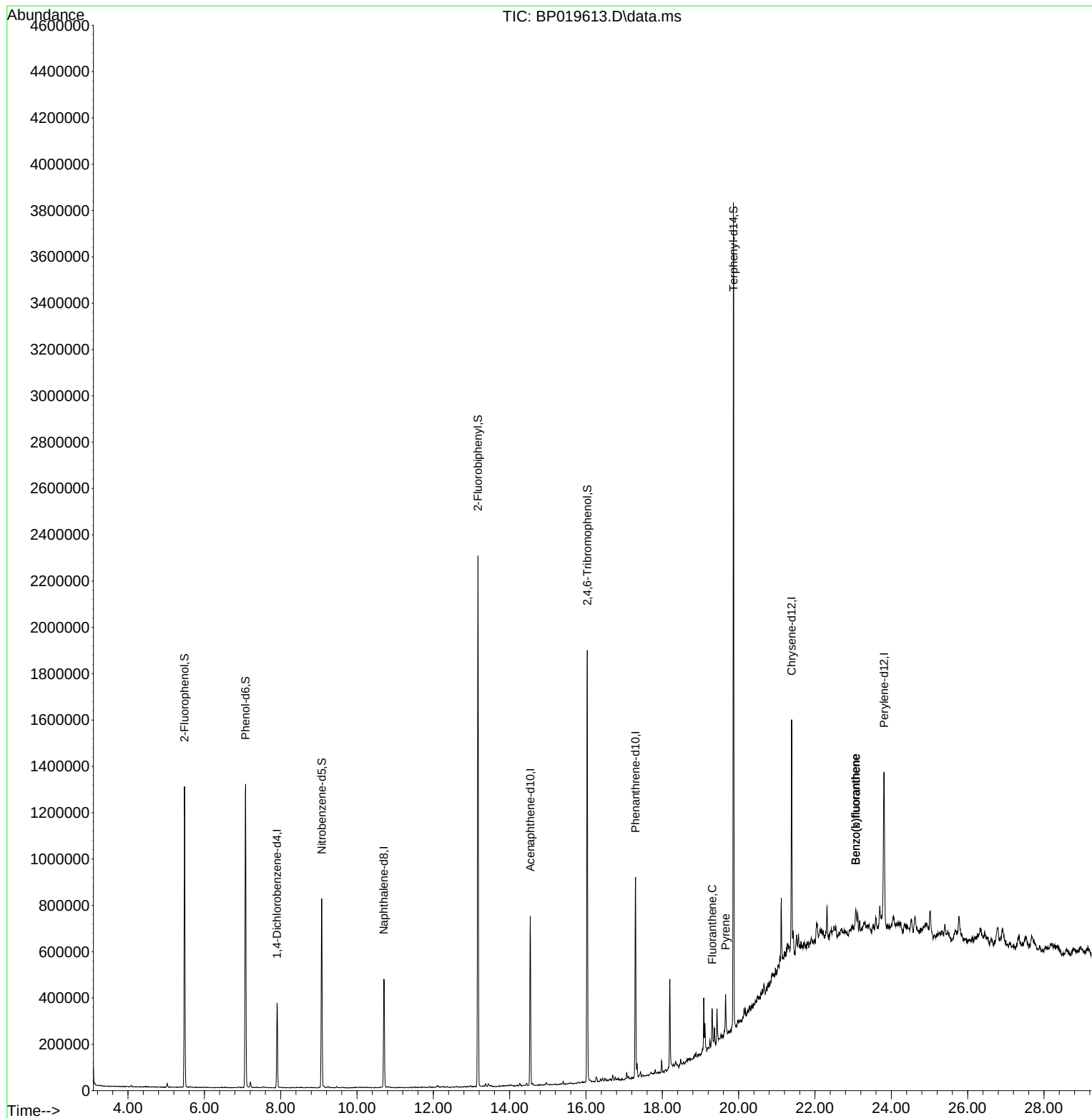
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	99975	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	393588	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	252988	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	551078	20.000	ng	0.00
76) Chrysene-d12	21.386	240	485721	20.000	ng	0.00
86) Perylene-d12	23.810	264	558270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	534614	86.197	ng	0.00
7) Phenol-d6	7.081	99	740439	88.539	ng	0.00
23) Nitrobenzene-d5	9.075	82	485181	53.415	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	372709	100.901	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1173998	57.368	ng	-0.01
79) Terphenyl-d14	19.863	244	1825317	61.801	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.304	202	93123	2.628	ng	98
78) Pyrene	19.657	202	90918	2.652	ng	98
88) Benzo(b)fluoranthene	23.068	252	82062	2.332	ng	# 79
89) Benzo(k)fluoranthene	23.068	252	82062	2.442	ng	# 79

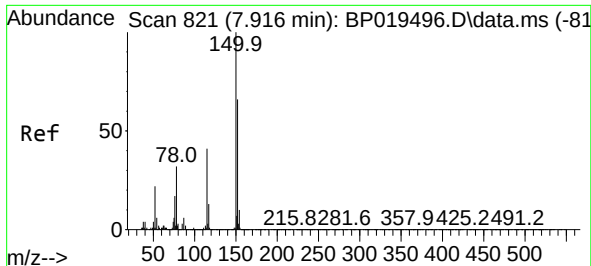
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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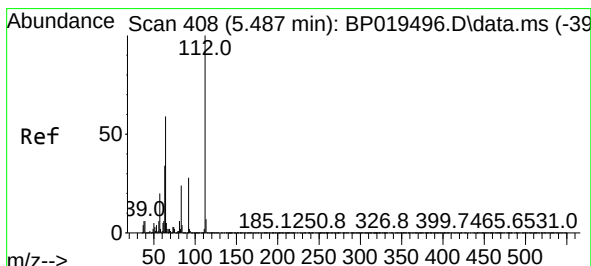
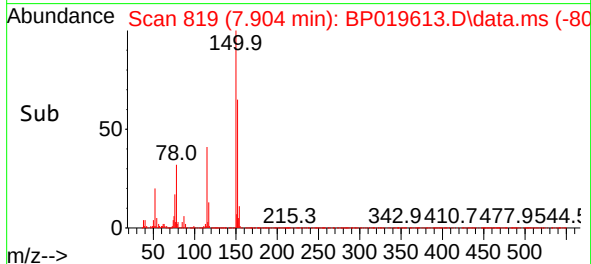
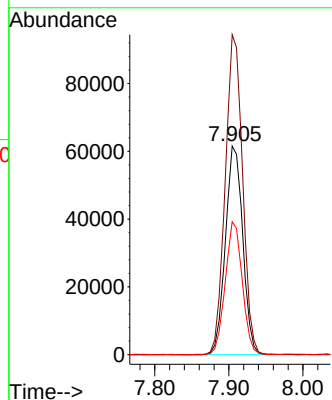
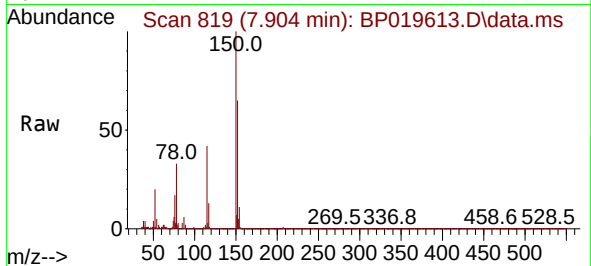




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

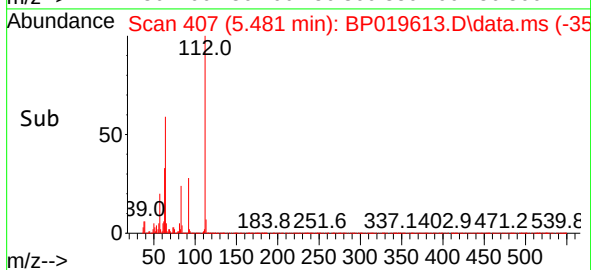
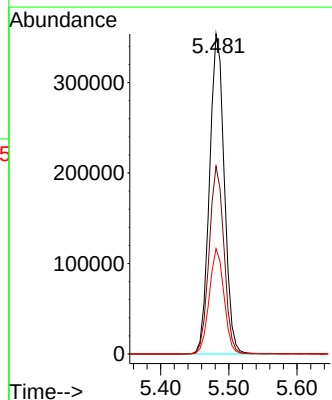
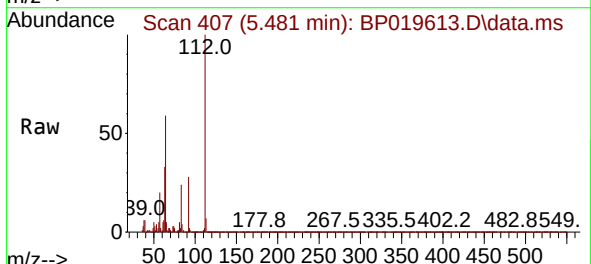
Instrument :
BNA_P
ClientSampleId :
BU-03-020524

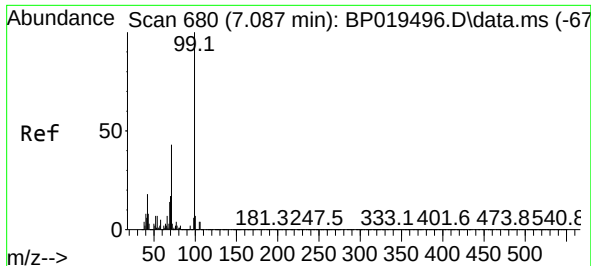
Tgt Ion:152 Resp: 99975
Ion Ratio Lower Upper
152 100
150 153.4 121.8 182.8
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 86.197 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

Tgt Ion:112 Resp: 534614
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 32.9 27.0 40.6

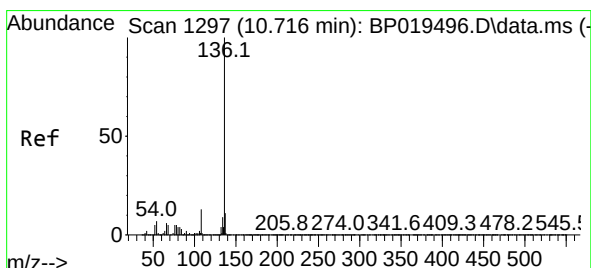
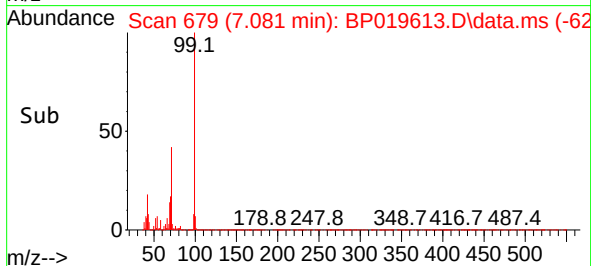
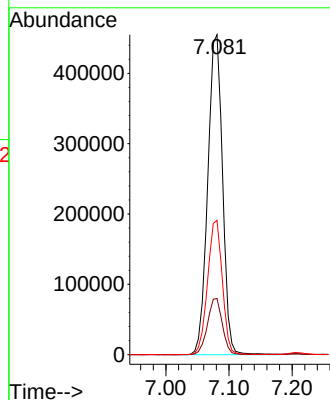
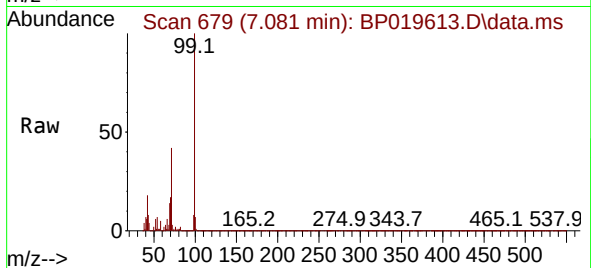




#7
Phenol-d6
Concen: 88.539 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

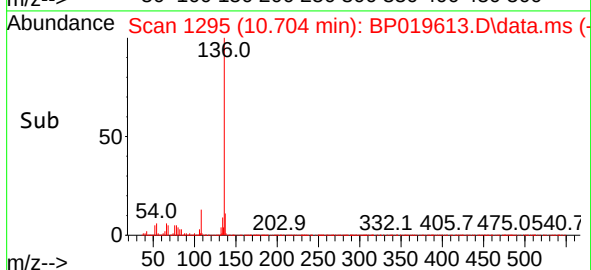
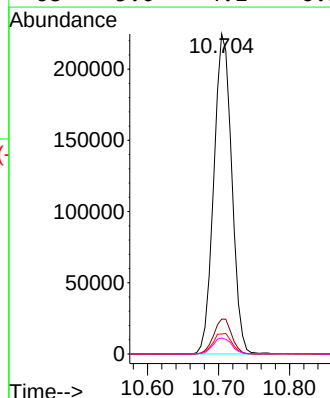
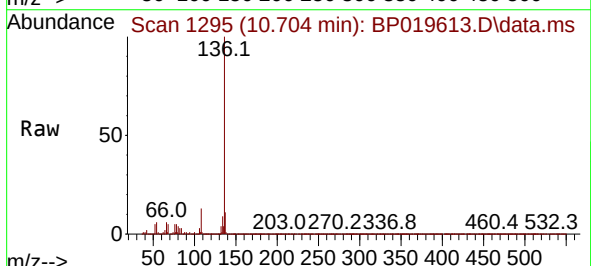
Instrument :
BNA_P
ClientSampleId :
BU-03-020524

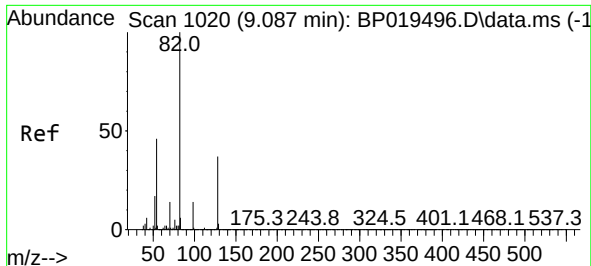
Tgt Ion:	99	Resp:	740439
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.7	22.1
71	42.0	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

Tgt Ion:	136	Resp:	393588
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.3	5.3	7.9
68	5.0	4.1	6.1

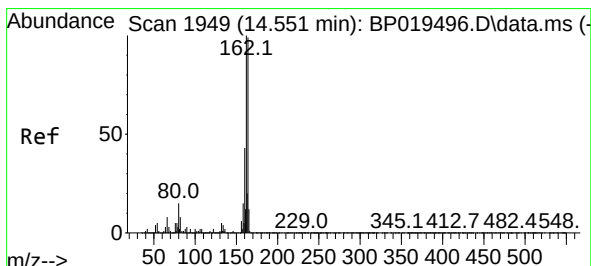
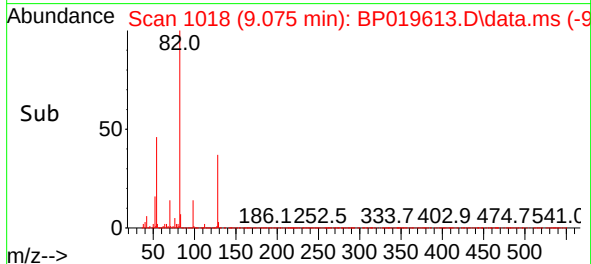
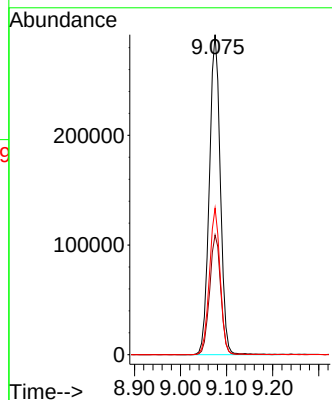
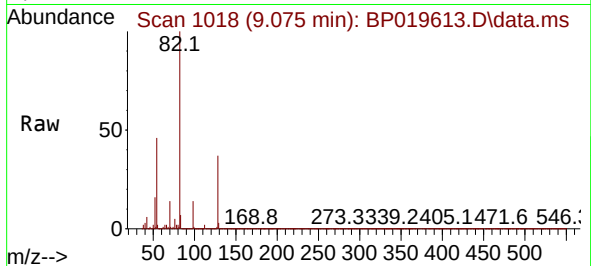




#23
Nitrobenzene-d5
Concen: 53.415 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

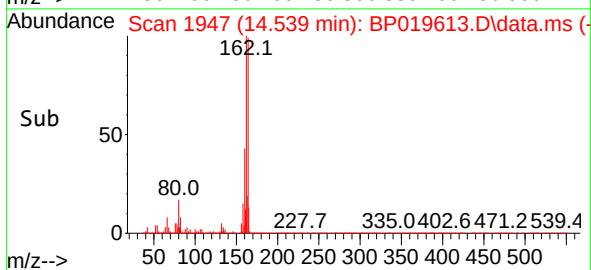
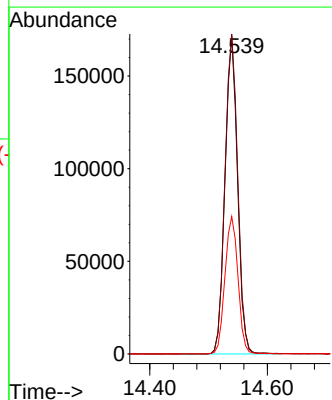
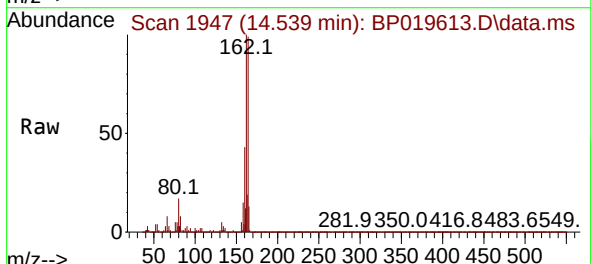
Instrument :
BNA_P
ClientSampleId :
BU-03-020524

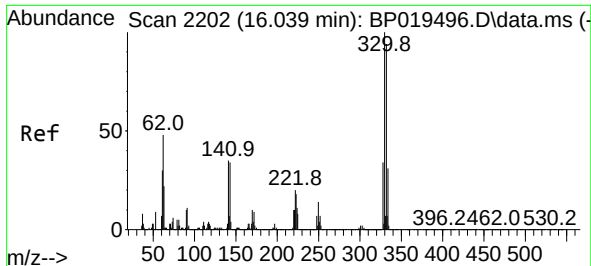
Tgt Ion: 82 Resp: 485181
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 45.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

Tgt Ion: 164 Resp: 252988
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 43.2 35.1 52.7

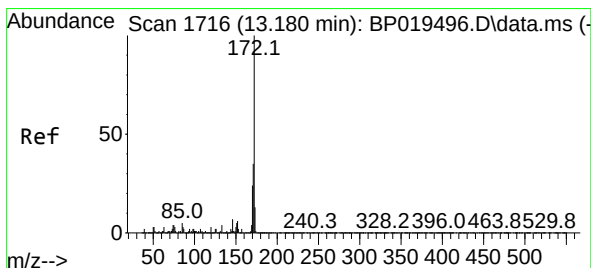
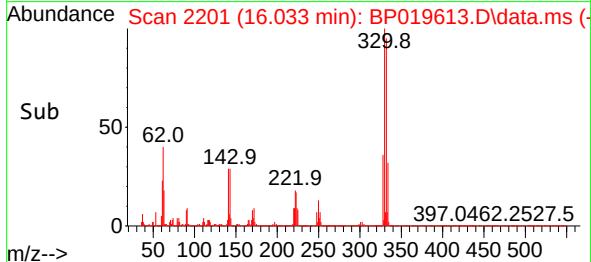
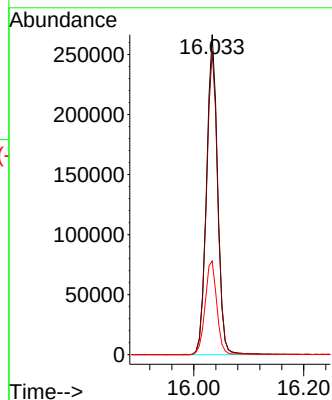
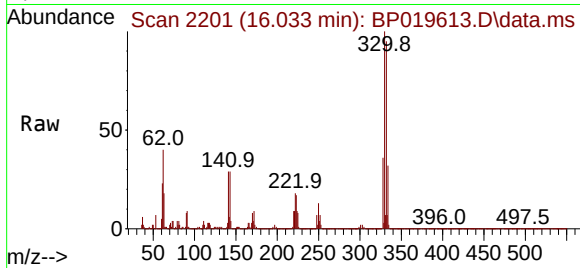




#42
2,4,6-Tribromophenol
Concen: 100.901 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

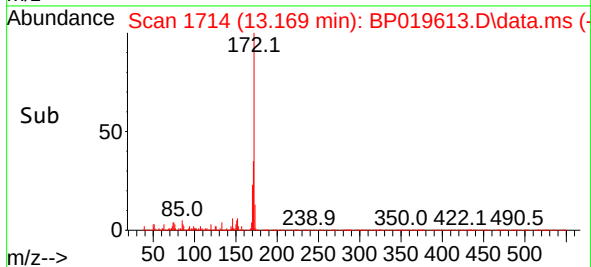
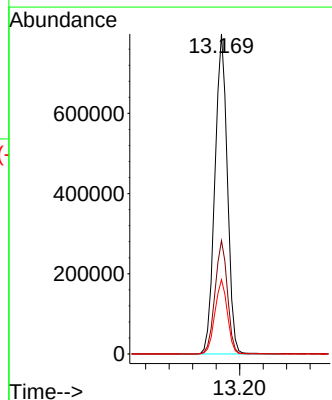
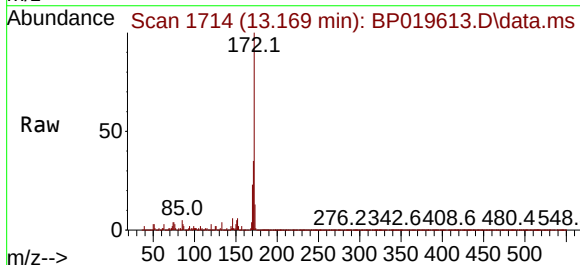
Instrument :
BNA_P
ClientSampleId :
BU-03-020524

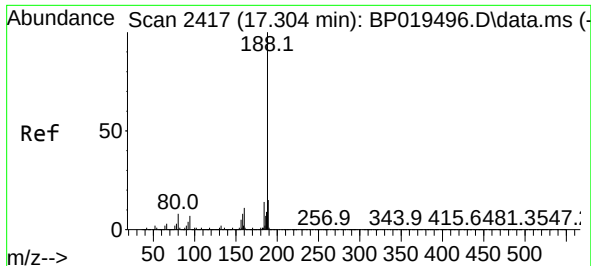
Tgt Ion:330 Resp: 372709
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 31.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 57.368 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

Tgt Ion:172 Resp: 1173998
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.9 28.3

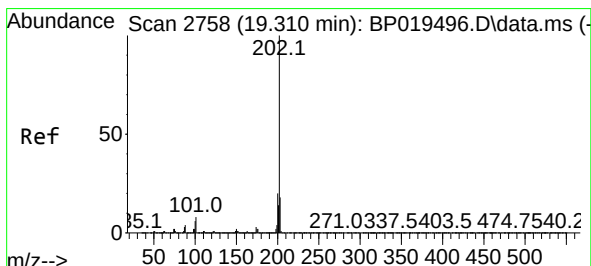
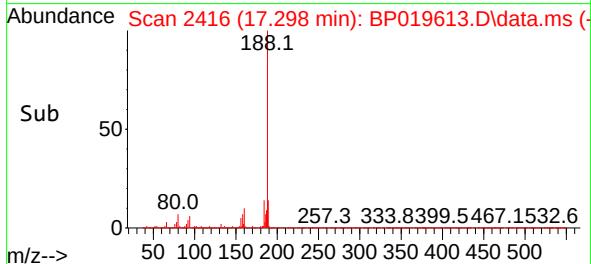
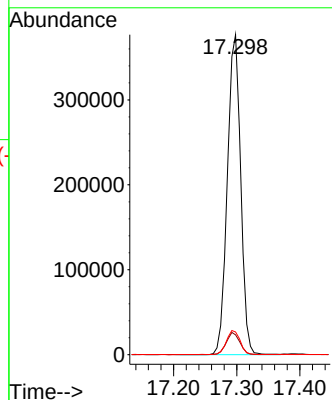
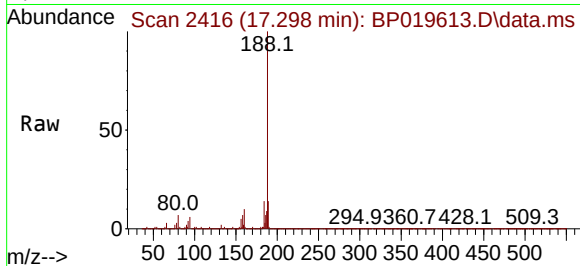




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

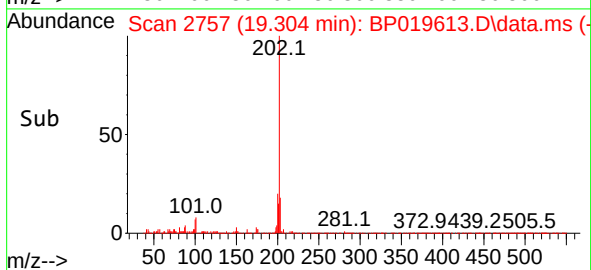
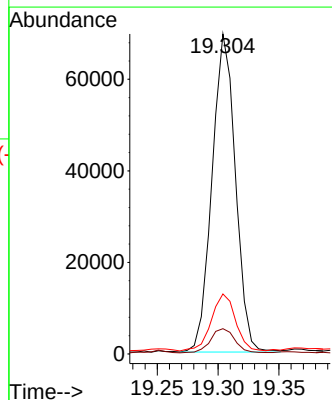
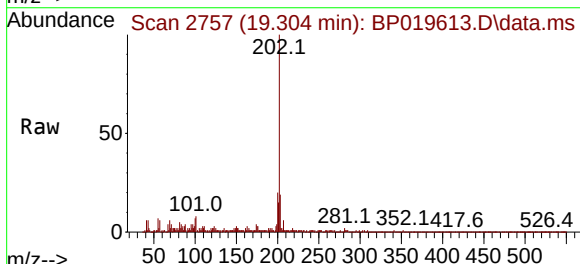
Instrument :
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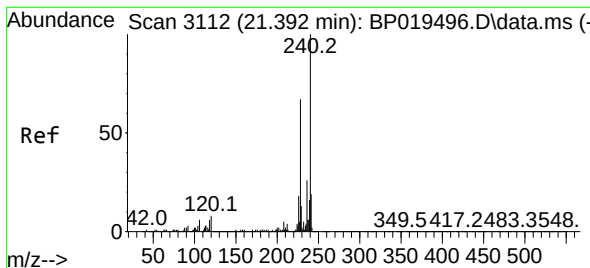
Tgt Ion:188 Resp: 551078
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 7.1 6.3 9.5



#75
Fluoranthene
Concen: 2.628 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP019613.D
Acq: 08 Feb 2024 17:45

Tgt Ion:202 Resp: 93123
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 18.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

Instrument :

BNA_P

ClientSampleId :

BU-03-020524

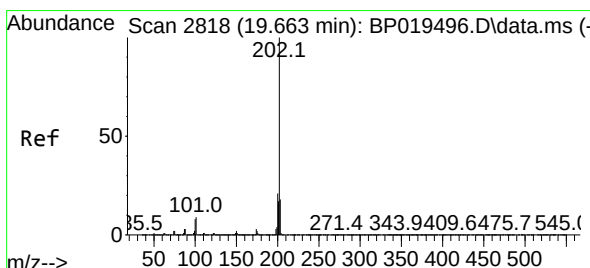
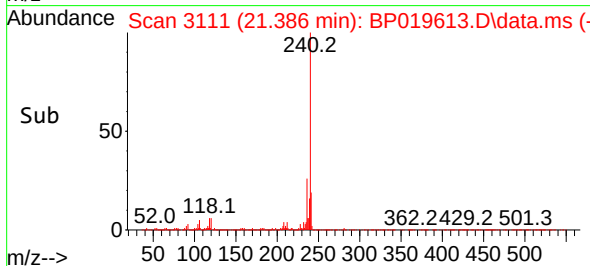
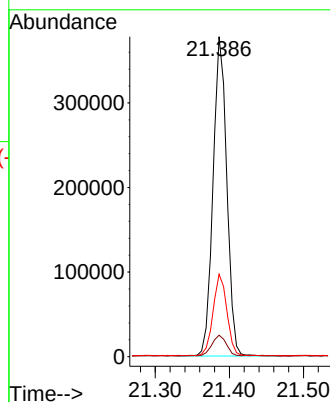
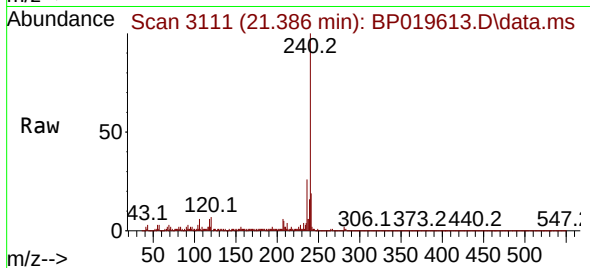
Tgt Ion:240 Resp: 485721

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 25.8 20.7 31.1



#78

Pyrene

Concen: 2.652 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

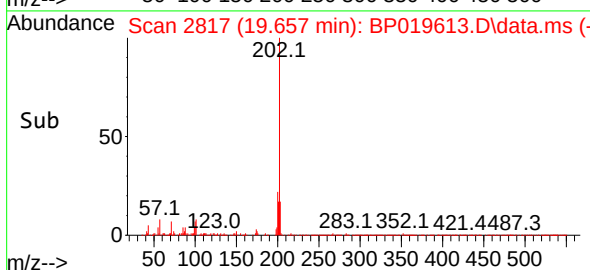
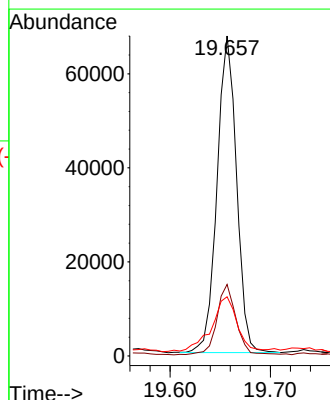
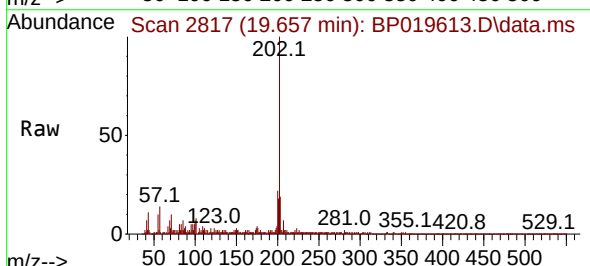
Tgt Ion:202 Resp: 90918

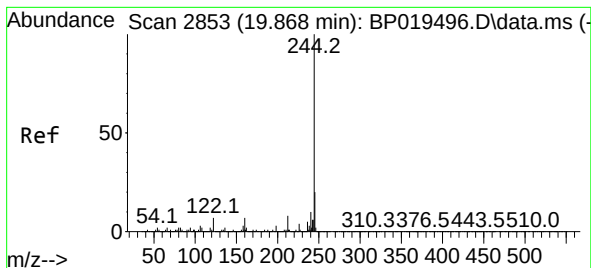
Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

203 18.5 14.2 21.2





#79

Terphenyl-d14

Concen: 61.801 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

Instrument :

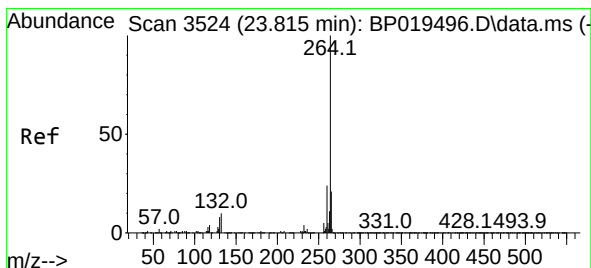
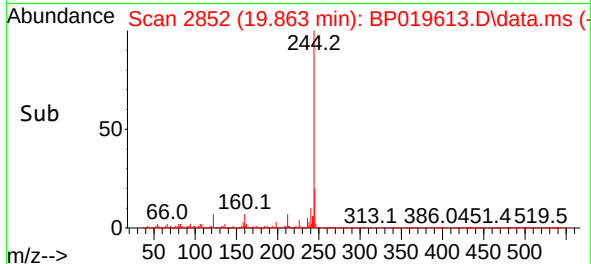
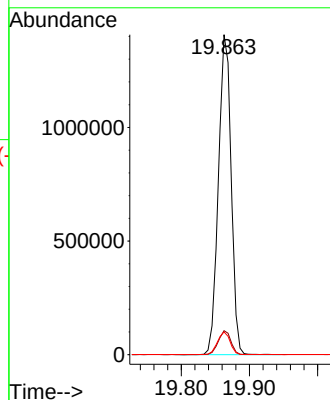
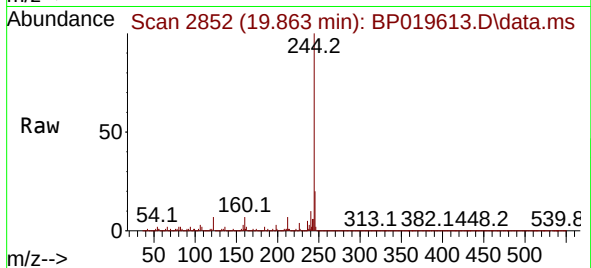
BNA_P

ClientSampleId :

BU-03-020524

Tgt Ion:244 Resp: 1825317

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	7.1	5.9	8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

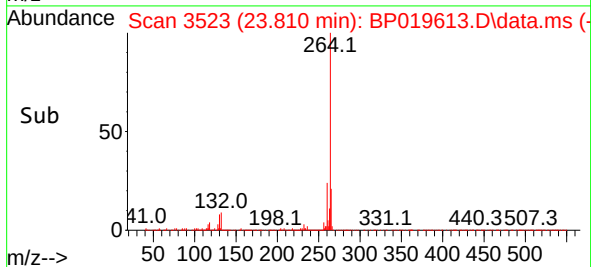
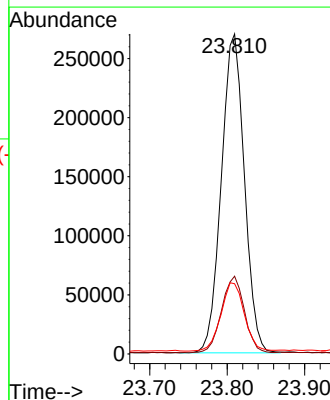
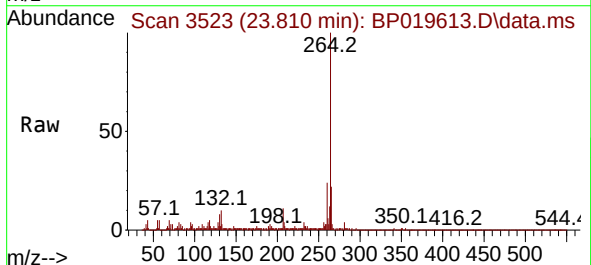
Delta R.T. -0.006 min

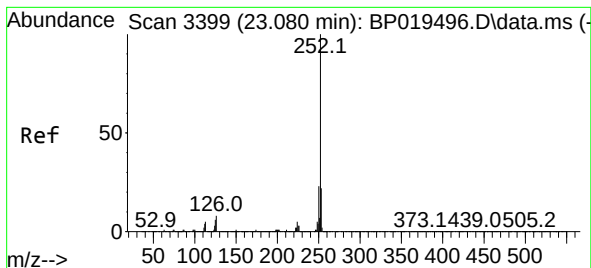
Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

Tgt Ion:264 Resp: 558270

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 2.332 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.012 min

Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

Instrument :

BNA_P

ClientSampleId :

BU-03-020524

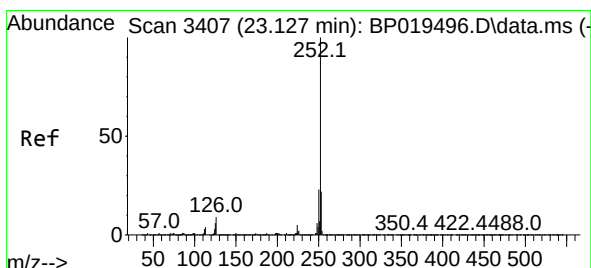
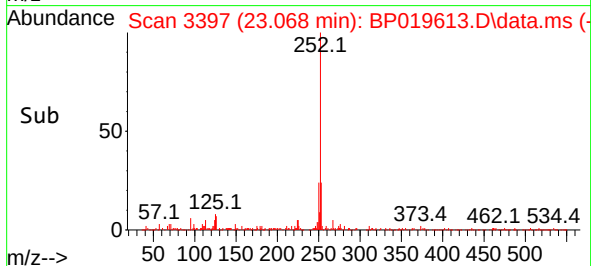
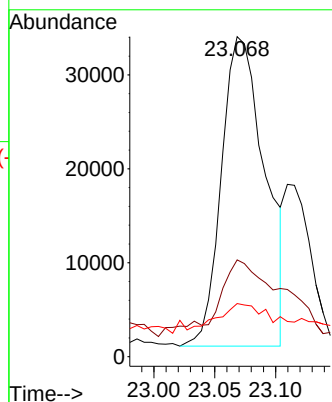
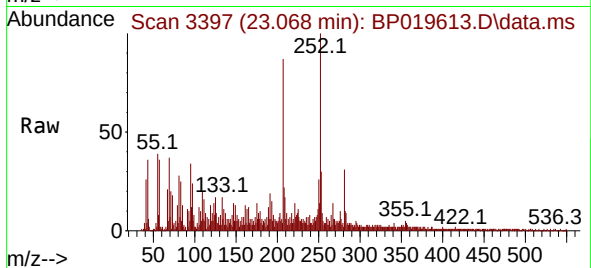
Tgt Ion:252 Resp: 82062

Ion Ratio Lower Upper

252 100

253 30.3 17.3 25.9#

125 16.6 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 2.442 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.059 min

Lab File: BP019613.D

Acq: 08 Feb 2024 17:45

Tgt Ion:252 Resp: 82062

Ion Ratio Lower Upper

252 100

253 30.3 17.1 25.7#

125 16.6 5.0 7.6#

