

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114497.D
 Acq On : 22 May 2019 21:40
 Operator : JU/SJ
 Sample : K2971-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2C-C-1-052019

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Quant Time: May 23 12:54:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175915	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	705482	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	334362	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	656540	20.00	ng	0.00
76) Chrysene-d12	13.99	240	422321	20.00	ng	-0.01
87) Perylene-d12	15.46	264	448641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	490767	44.90	ng	-0.01
7) Phenol-d6	6.47	99	680120	52.60	ng	-0.02
23) Nitrobenzene-d5	7.39	82	391811	31.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	154672	44.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	732637	33.14	ng	0.00
79) Terphenyl-d14	12.93	244	692947	33.82	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	102451	4.174	ng	Qvalue # 98
71) Phenanthrene	11.37	178	182342	5.709	ng	97
75) Fluoranthene	12.57	202	291010	8.460	ng	98
78) Pyrene	12.80	202	238068	7.007	ng	98
81) Benzo(a)anthracene	13.99	228	98041	3.589	ng	99
83) Chrysene	14.02	228	85194	3.182	ng	95
88) Benzo(b)fluoranthene	15.04	252	105191m	3.660	ng	
90) Benzo(a)pyrene	15.40	252	75964	3.003	ng	98

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

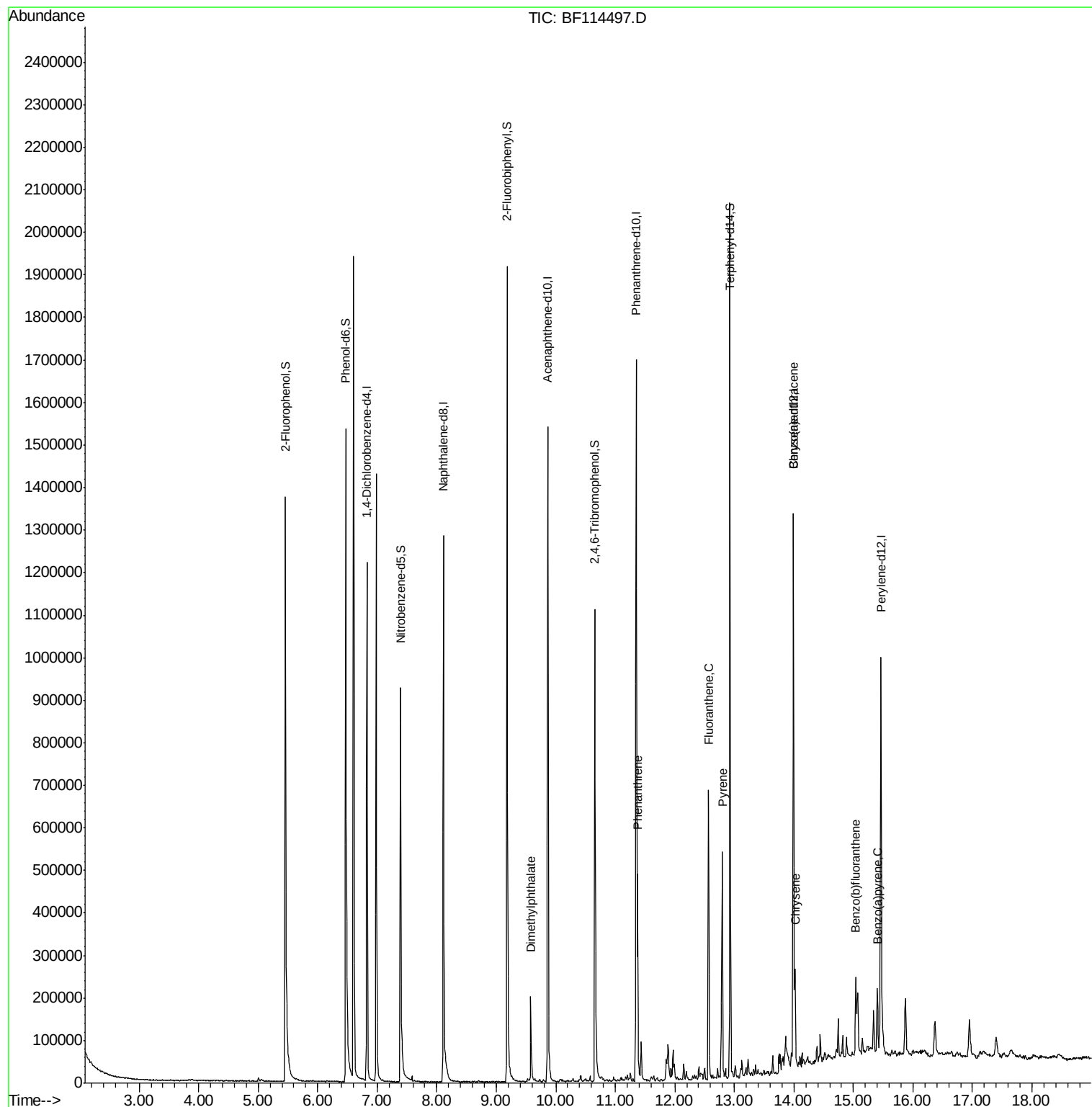
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114497.D
Acq On : 22 May 2019 21:40
Operator : JU/SJ
Sample : K2971-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

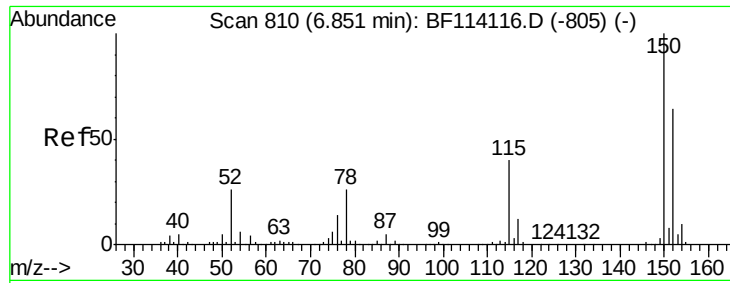
Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

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Quant Time: May 23 12:54:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

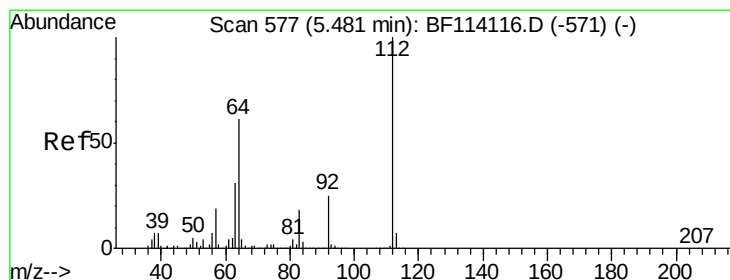
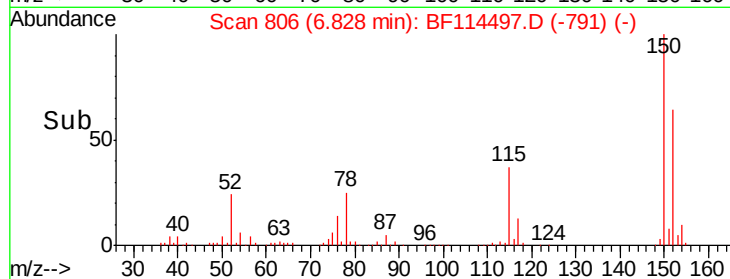
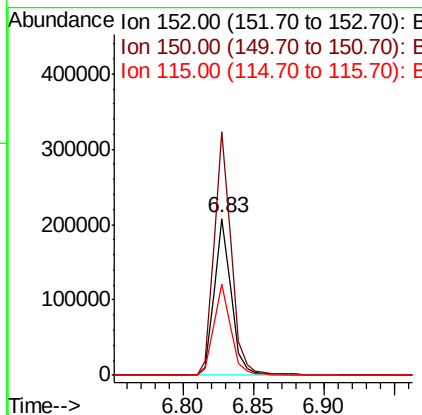
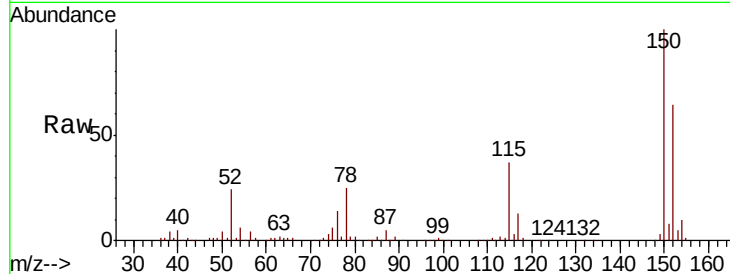
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	58.2	49.1	73.7

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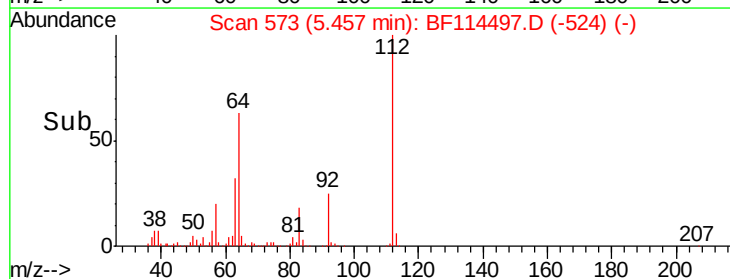
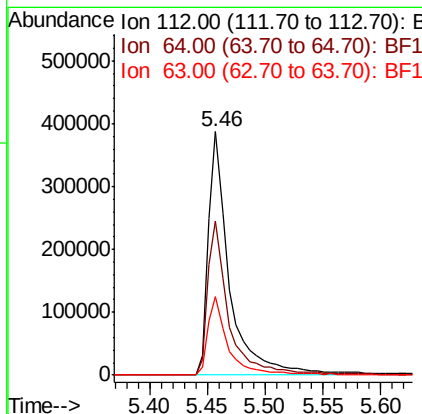
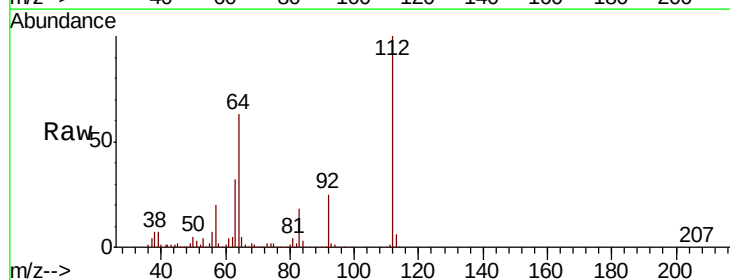
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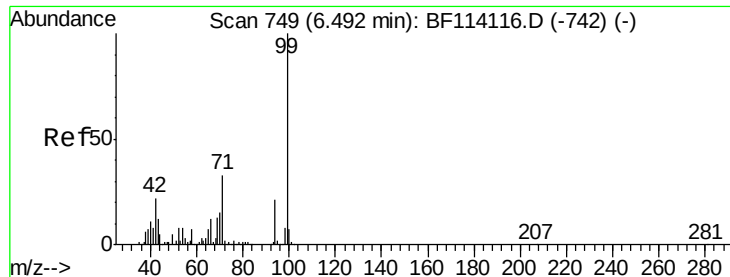


#5

2-Fluorophenol
Concen: 44.895 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.0	73.6
63	32.3	24.6	37.0





#7

Phenol-d6

Concen: 52.605 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114497.D

Acq: 22 May 2019 21:40

Instrument :

BNA_F

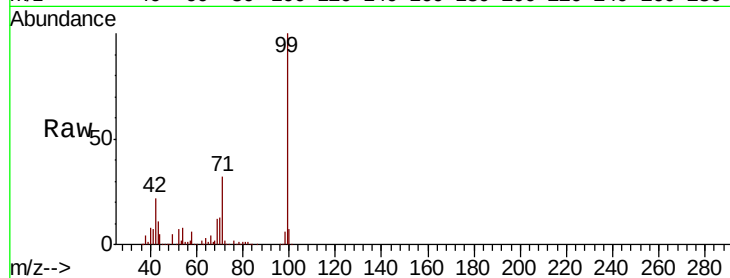
ClientSampleId :

SUP-2C-C-1-052019

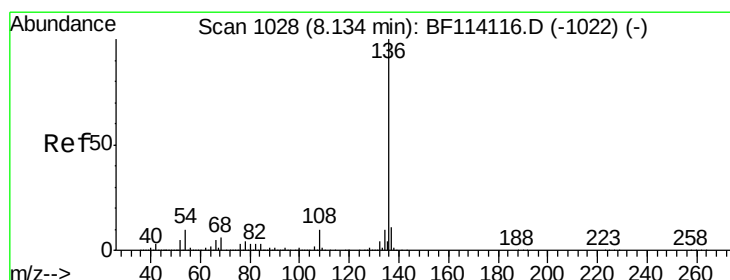
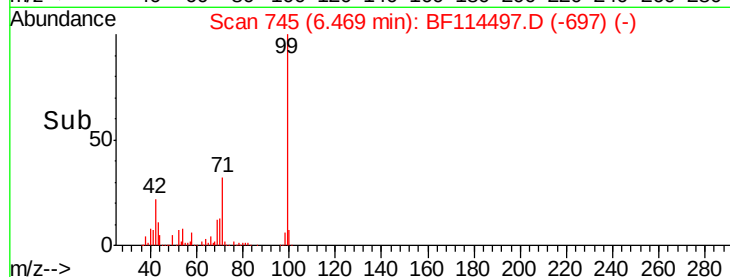
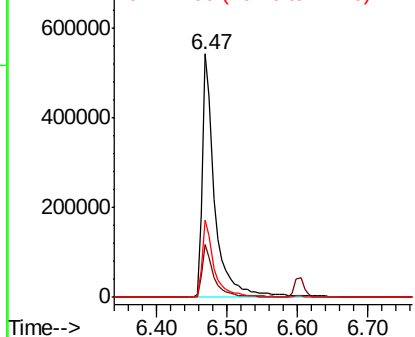
Tot Ion:	99	Resp:	680120
Ion Ratio	Lower	Upper	
99	100		
42	21.7	17.9	26.9
71	31.8	26.2	39.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

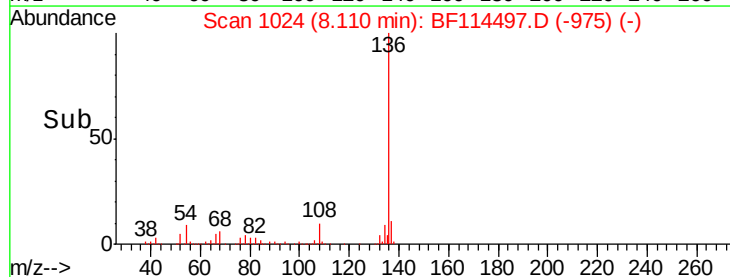
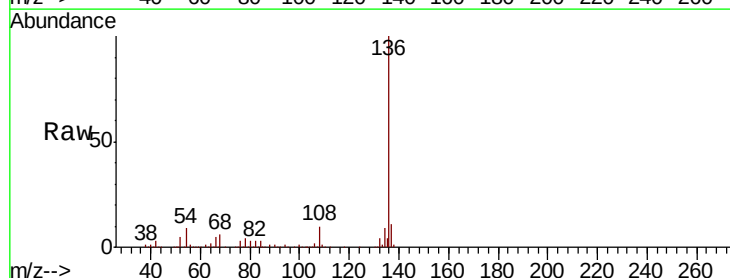
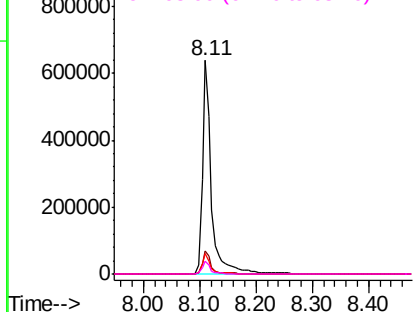
Delta R.T. -0.01 min

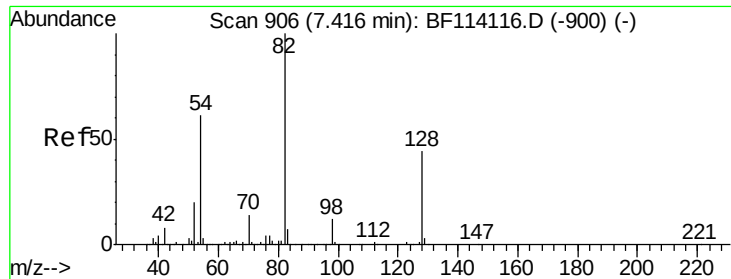
Lab File: BF114497.D

Acq: 22 May 2019 21:40

Tgt Ion:	136	Resp:	705482
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.3	7.8	11.8
68	6.0	5.1	7.7

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





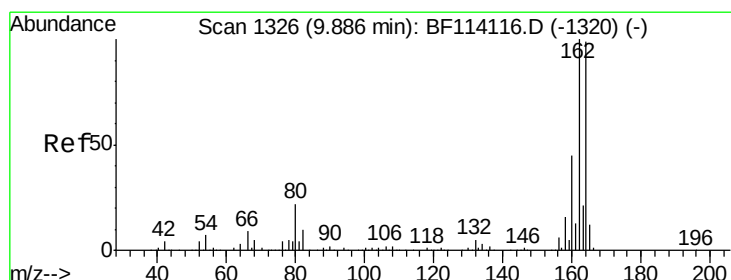
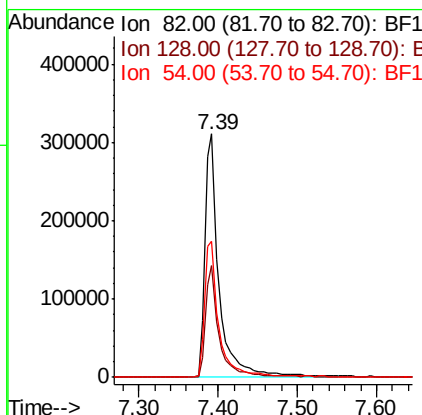
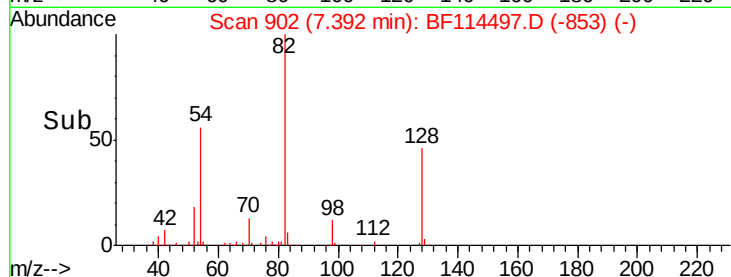
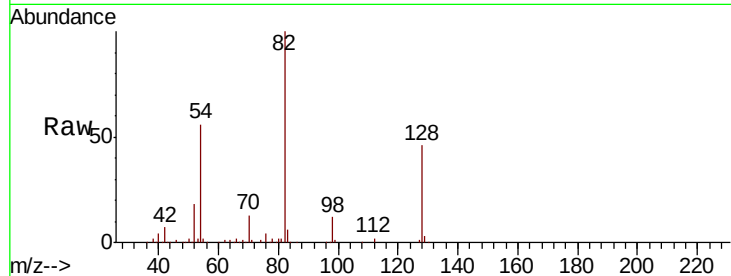
#23
Nitrobenzene-d5
Concen: 31.168 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.5	53.3
54	55.9	48.5	72.7

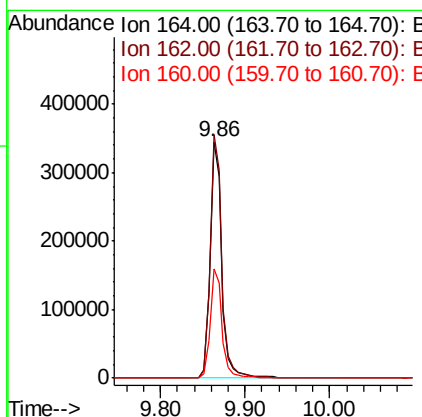
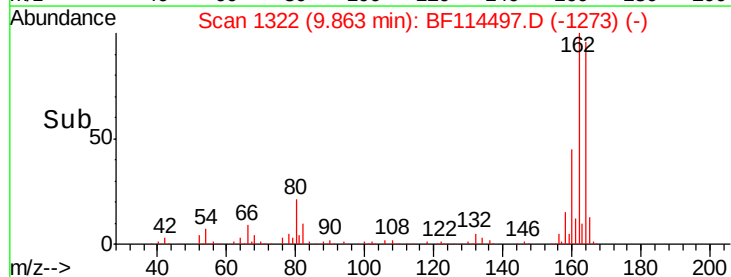
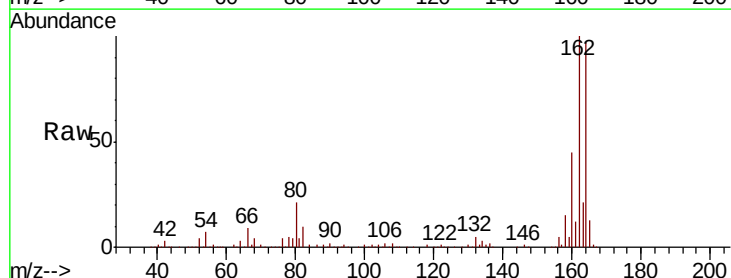
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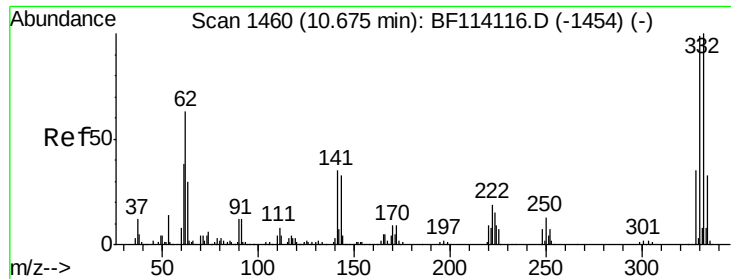
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	120.8
160	46.1	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 44.745 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114497.D

Acq: 22 May 2019 21:40

Instrument :

BNA_F

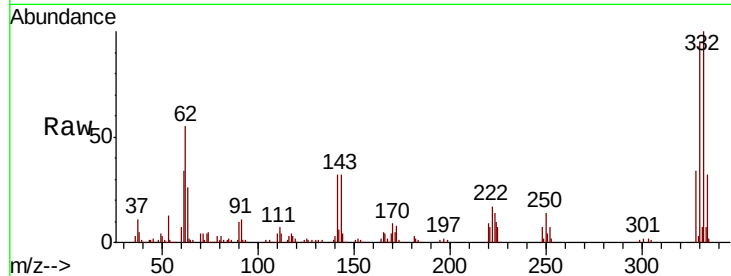
ClientSampleId :

SUP-2C-C-1-052019

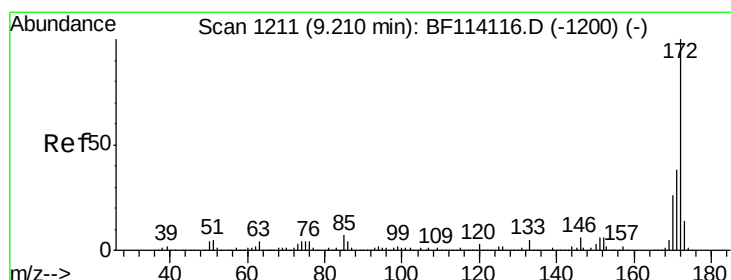
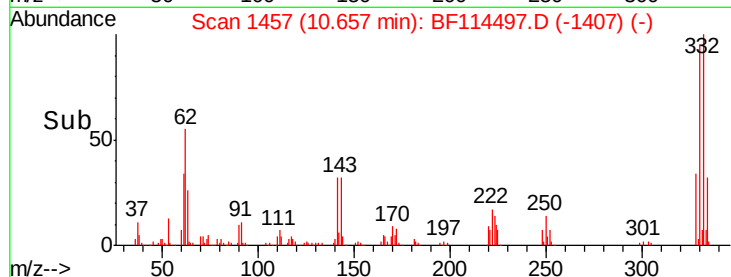
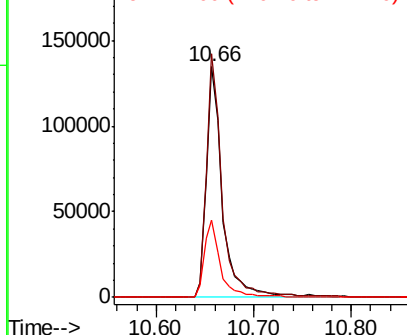
Tot Ion:	330	Resp:	154672
Ion Ratio	Lower	Upper	
330	100		
332	102.8	81.4	122.2
141	33.6	26.6	40.0

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 33.145 ng

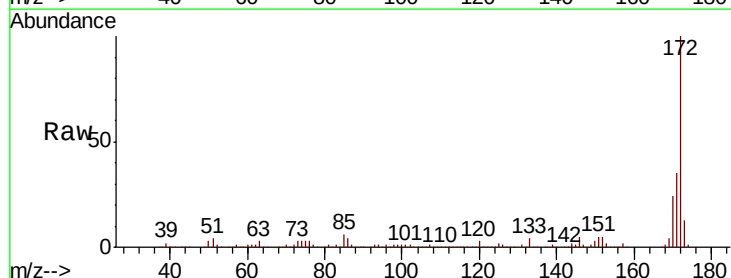
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

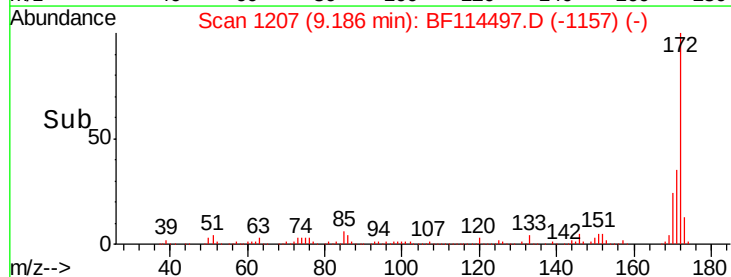
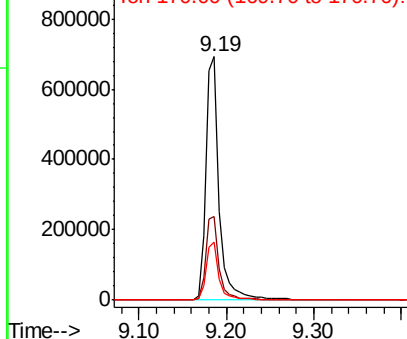
Lab File: BF114497.D

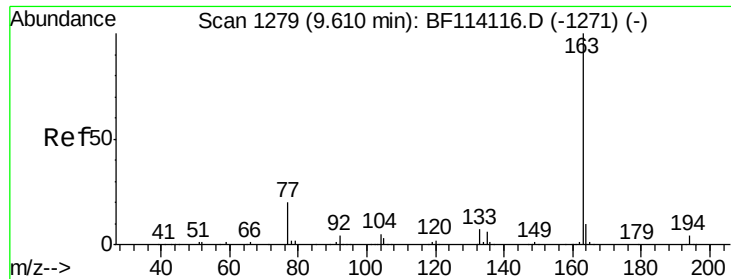
Acq: 22 May 2019 21:40

Tgt Ion:	172	Resp:	732637
Ion Ratio	Lower	Upper	
172	100		
171	34.5	30.7	46.1
170	23.7	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





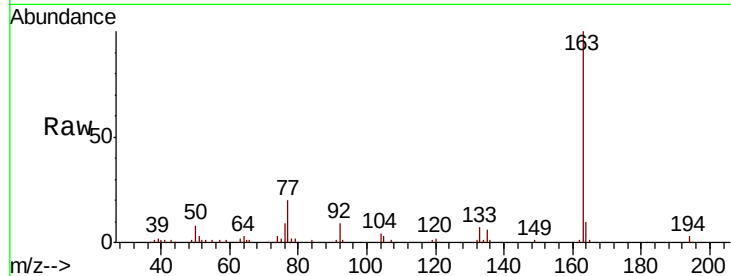
#50
Dimethylphthalate
Concen: 4.174 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

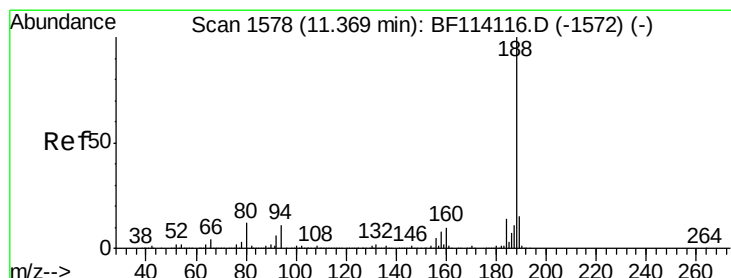
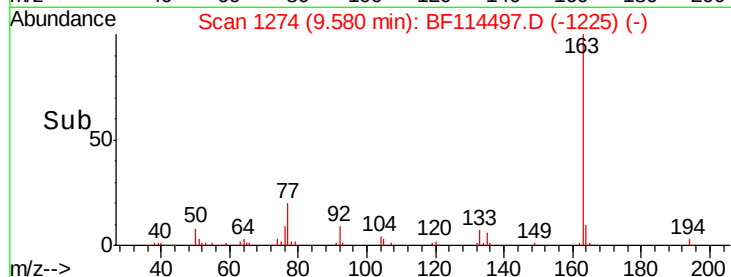
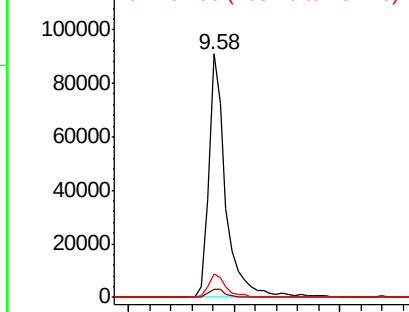
Tot Ion	Ratio	Resp	Lower	Upper
163	100	102451		
194	3.1	3.4	5.0#	
164	9.9	8.2	12.2	

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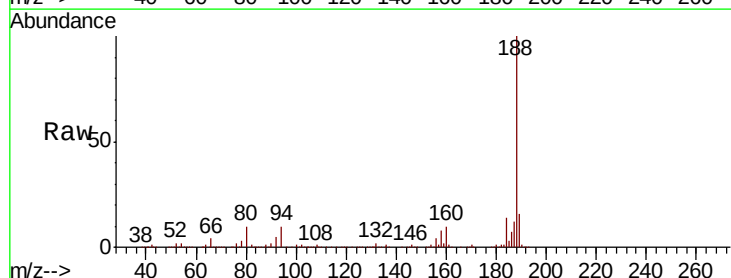


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

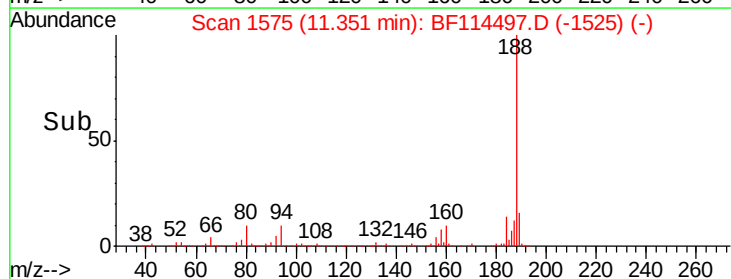
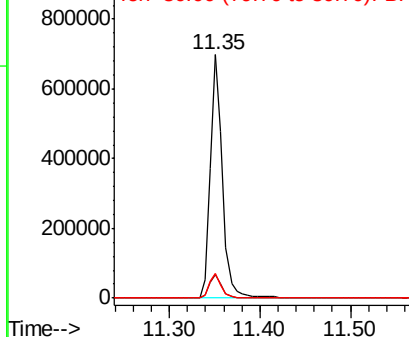


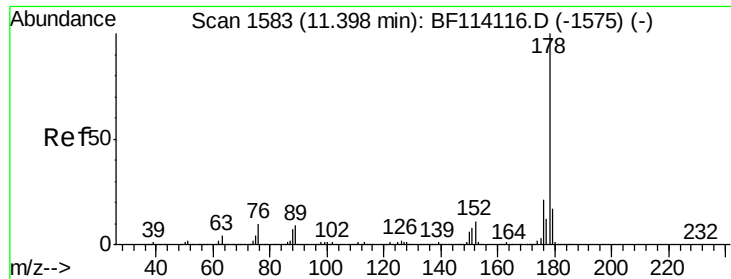
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	656540		
94	9.8	8.4	12.6	
80	10.3	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





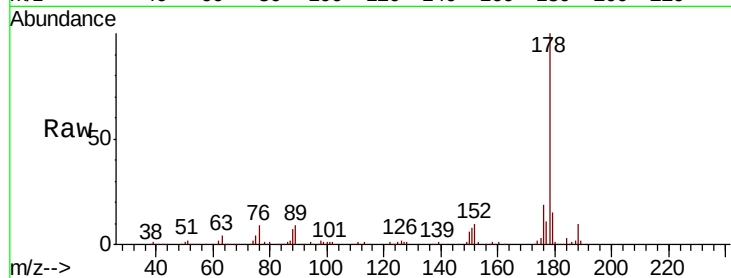
#71
Phenanthrene
Concen: 5.709 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.2	13.2	19.8

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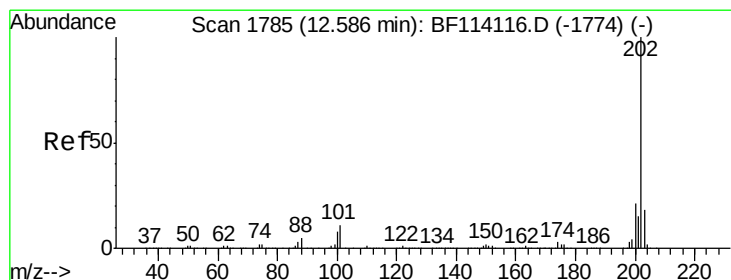
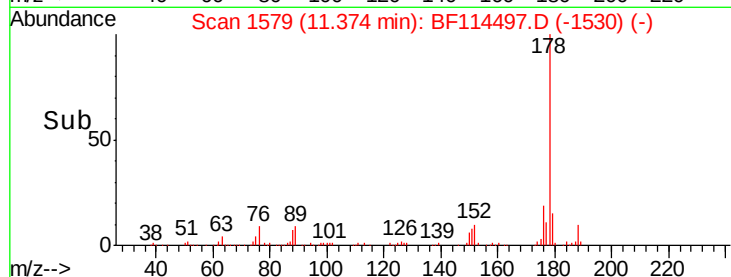
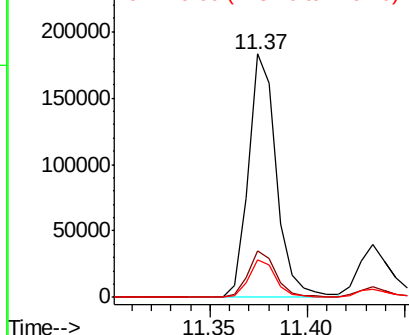


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 8.460 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

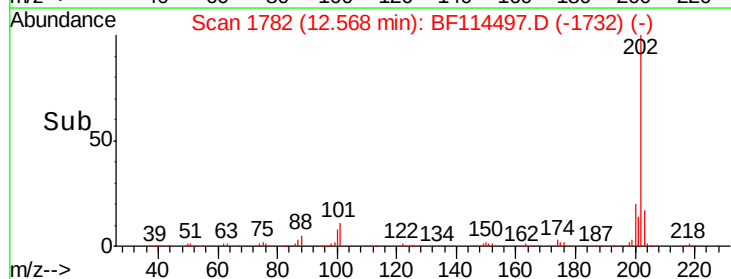
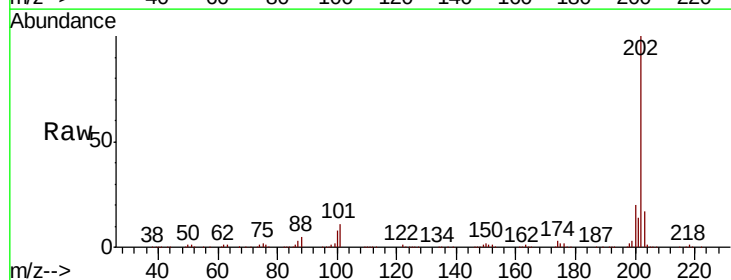
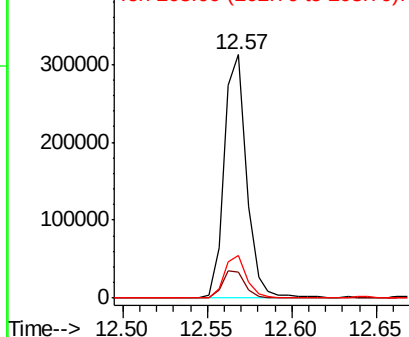
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.0
203	17.4	0.0	38.4

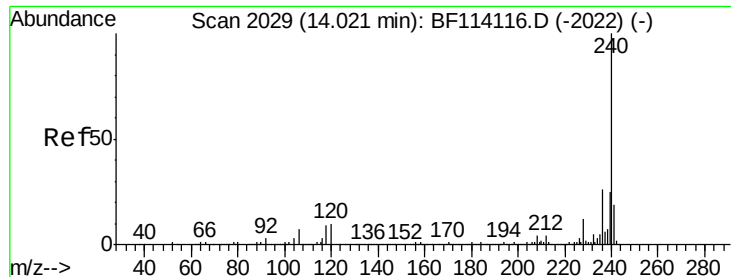
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114497.D

Acq: 22 May 2019 21:40

Instrument :

BNA_F

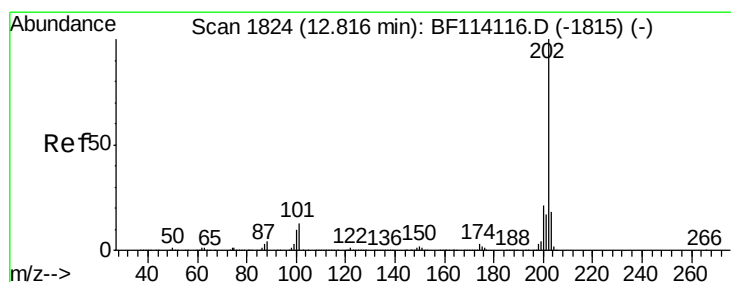
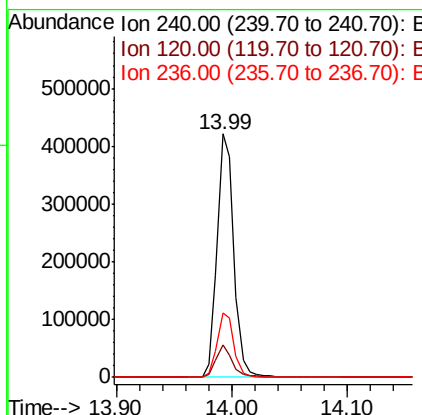
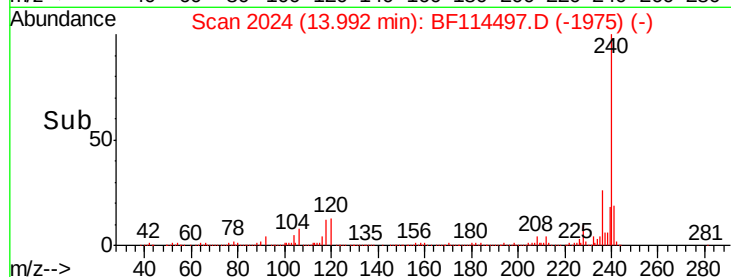
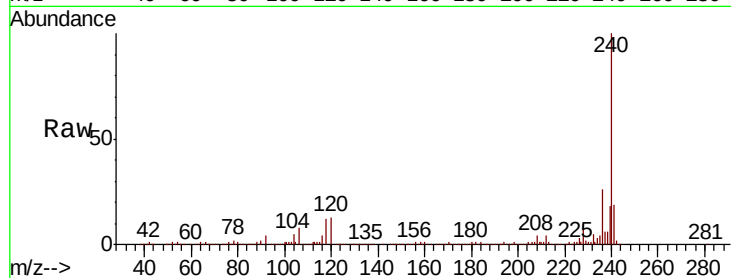
ClientSampleId :

SUP-2C-C-1-052019

Tot Ion:	240	Resp:	422321
Ion Ratio	Lower	Upper	
240	100		
120	13.3	8.3	12.5#
236	26.4	20.8	31.2

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#78

Pyrene

Concen: 7.007 ng

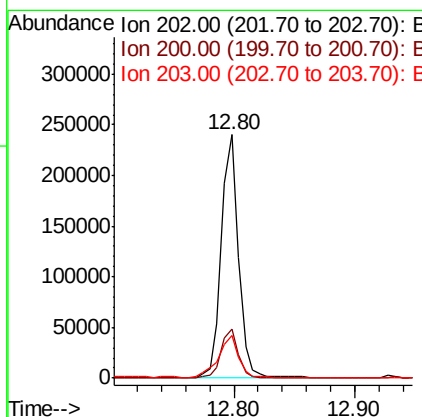
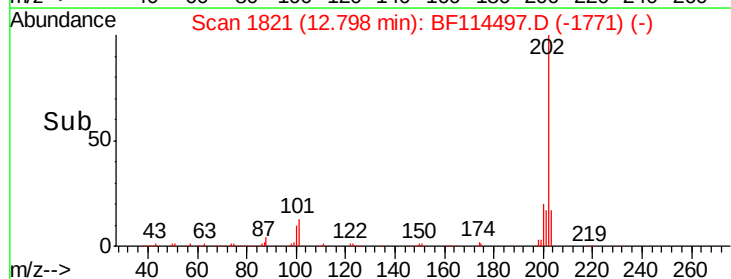
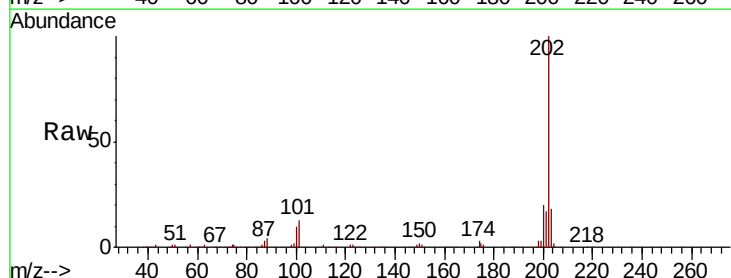
RT: 12.80 min Scan# 1821

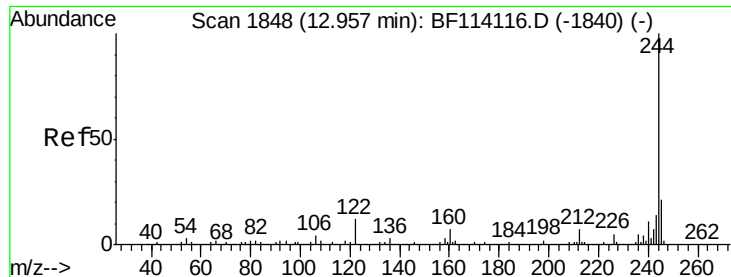
Delta R.T. -0.01 min

Lab File: BF114497.D

Acq: 22 May 2019 21:40

Tgt Ion:	202	Resp:	238068
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.5	14.5	21.7





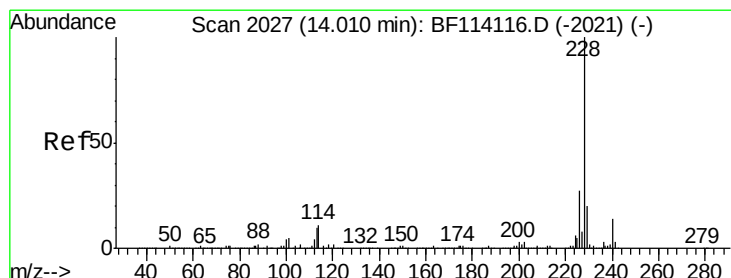
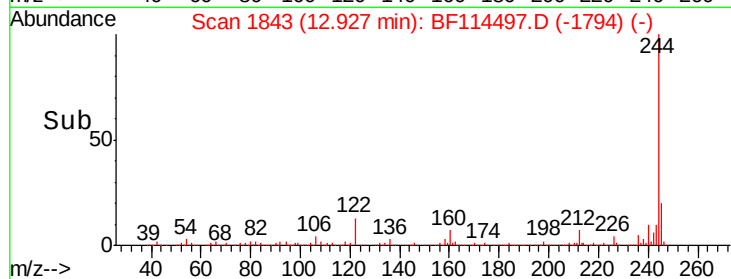
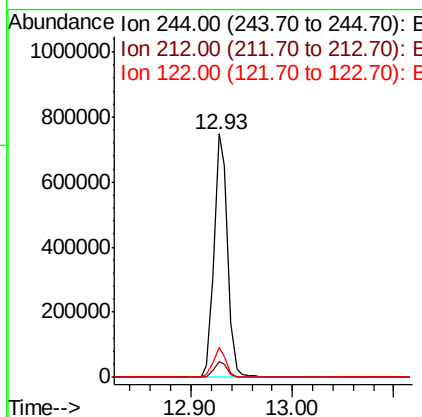
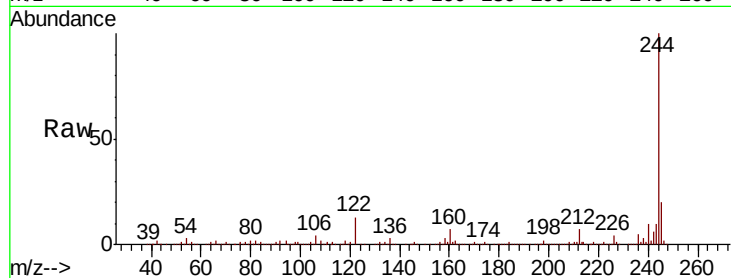
#79
 Terphenyl-d14
 Concen: 33.824 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF114497.D
 Acq: 22 May 2019 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2C-C-1-052019

Tot Ion:	244	Resp:	692947
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.8	8.6
122	12.5	9.4	14.2

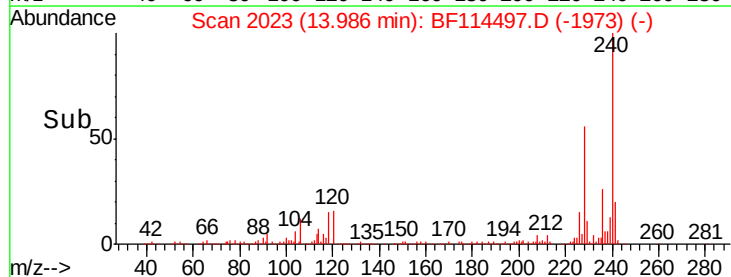
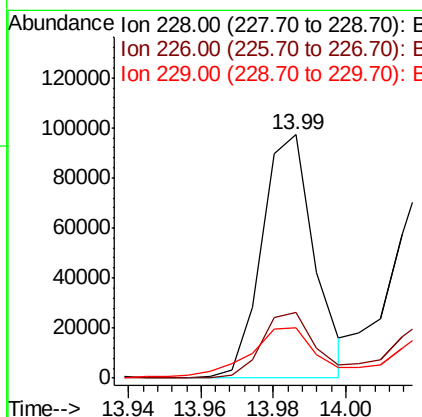
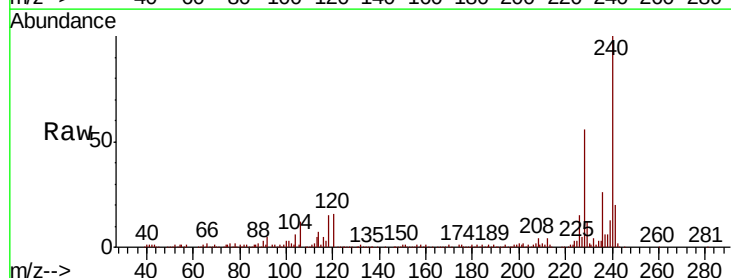
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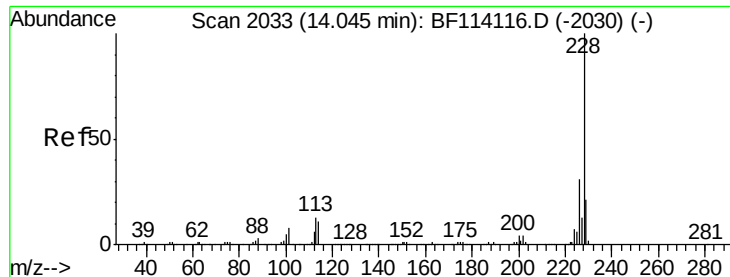
mohammad
 5/24/2019 8:49:20 AM



#81
 Benzo(a)anthracene
 Concen: 3.589 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114497.D
 Acq: 22 May 2019 21:40

Tgt Ion:	228	Resp:	98041
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.2	33.2
229	20.9	16.4	24.6





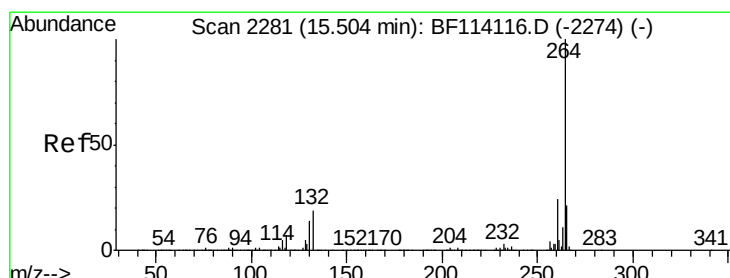
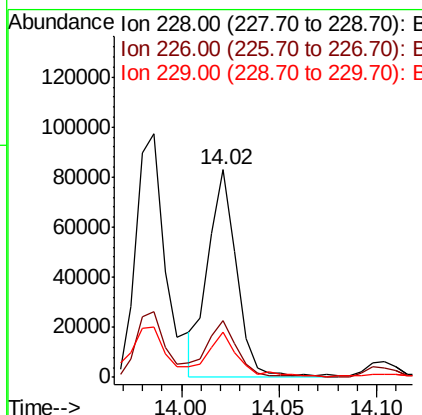
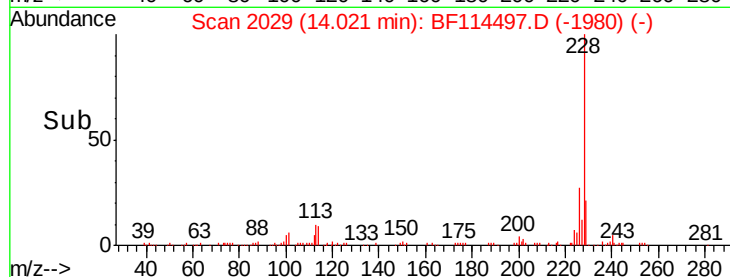
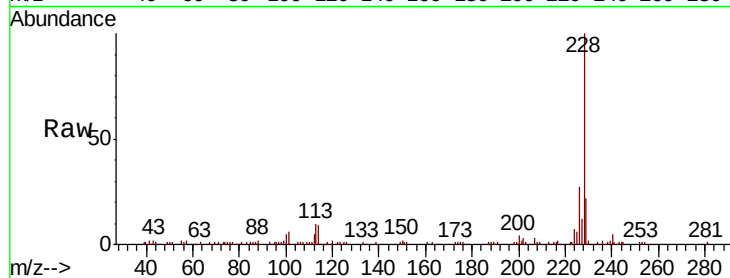
#83
Chrysene
Concen: 3.182 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	25.0	37.6
229	21.7	17.0	25.6

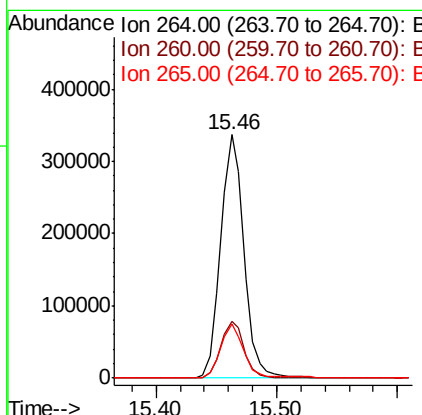
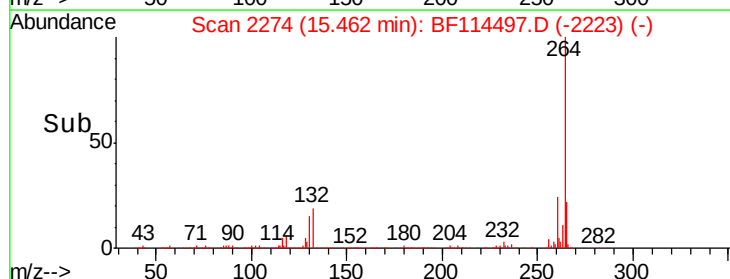
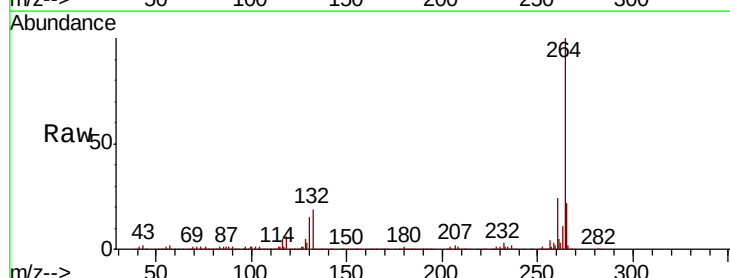
Manual Integrations
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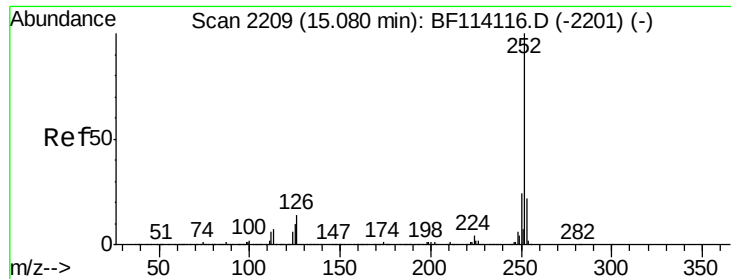
mohammad
5/24/2019 8:49:20 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.3	16.9	25.3





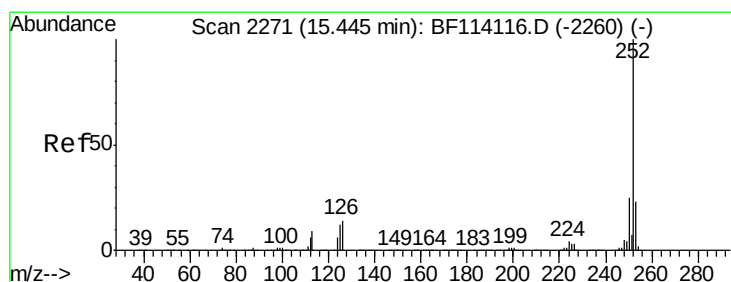
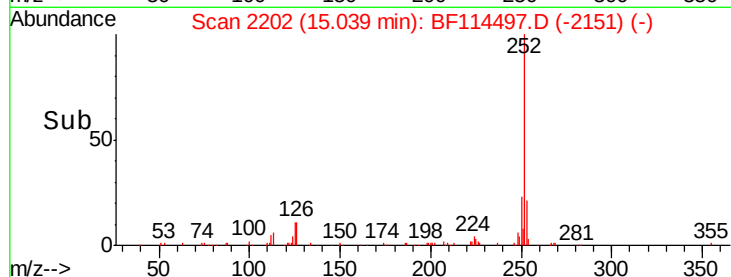
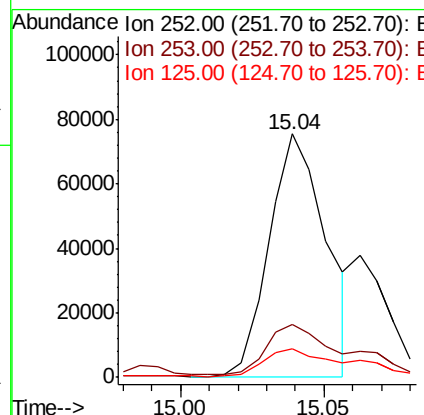
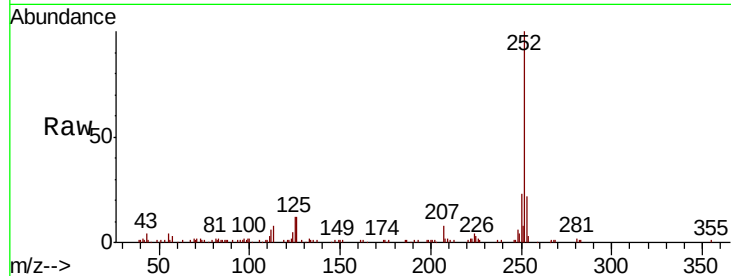
#88
Benzo(b)fluoranthene
Concen: 3.660 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.8	8.3	12.5

Manual Integrations
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mohammad
5/24/2019 8:49:20 AM



#90
Benzo(a)pyrene
Concen: 3.003 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114497.D
Acq: 22 May 2019 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.3	9.5	14.3

