Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
Data File : BF132448.D
Acq On : 17 Feb 2023 11:29
Operator : CG\JU
Sample : PB150843TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Quant Time: Feb 17 12:34:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 03:08:40 2023
Response via : Initial Calibration

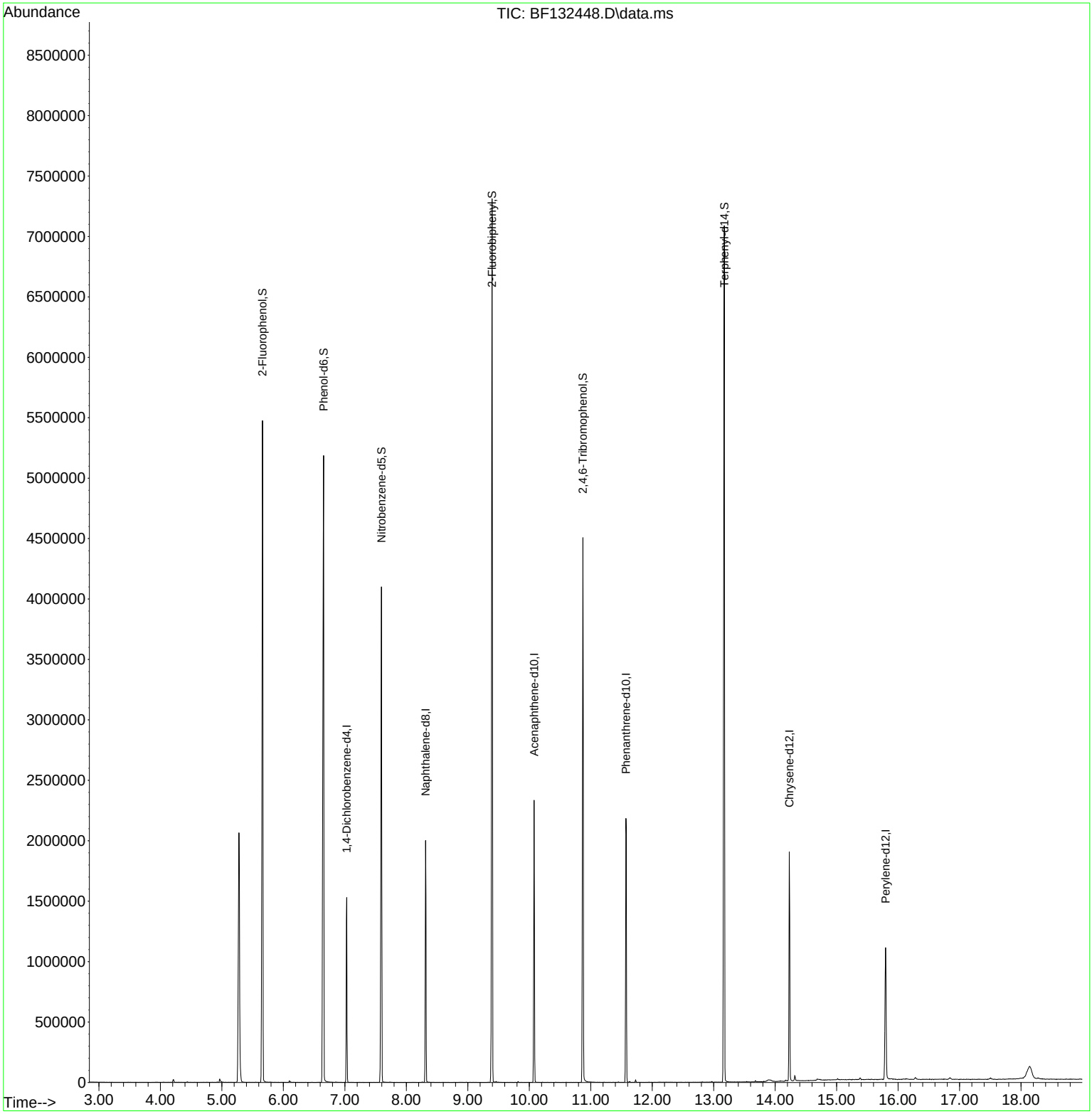
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	218455	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	815161	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	435084	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	826894	20.000	ng	0.00
76) Chrysene-d12	14.230	240	602233	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	520288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1665673	122.177	ng	0.01
7) Phenol-d6	6.654	99	2136349	120.007	ng	0.00
23) Nitrobenzene-d5	7.595	82	1426488	84.084	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	518658	119.479	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2178944	77.340	ng	0.00
79) Terphenyl-d14	13.171	244	2627730	79.465	ng	0.00
Target Compounds						Qvalue

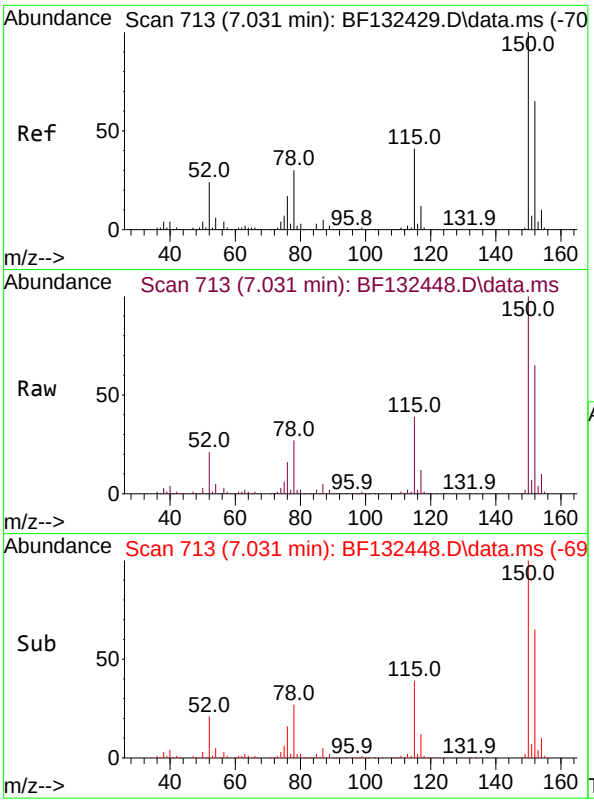
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
Data File : BF132448.D
Acq On : 17 Feb 2023 11:29
Operator : CG\JU
Sample : PB150843TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Quant Time: Feb 17 12:34:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 03:08:40 2023
Response via : Initial Calibration



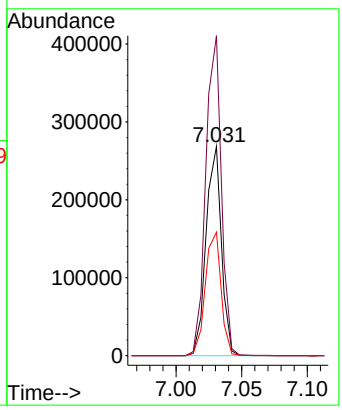


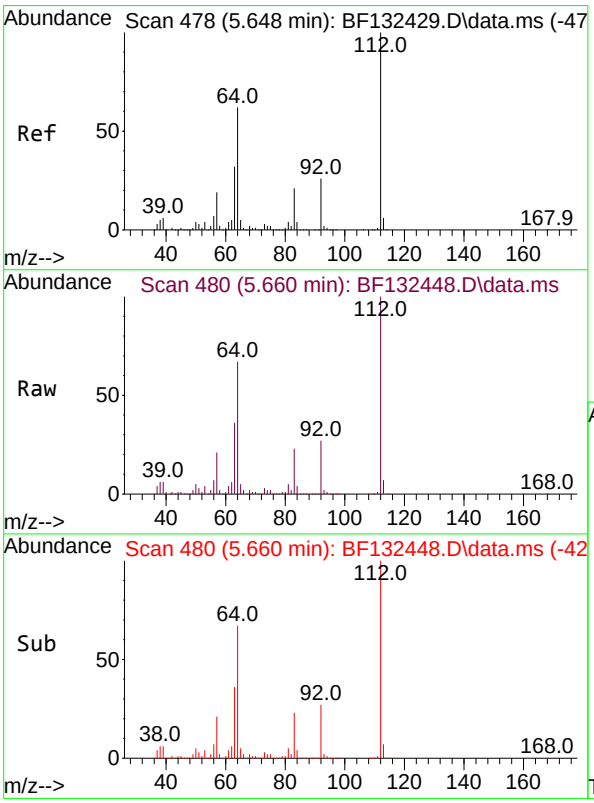
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion:152 Resp: 218455

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.8
115	59.0	50.4	75.6

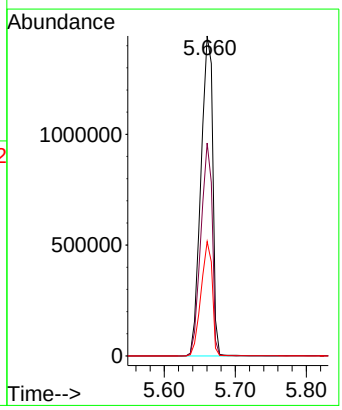


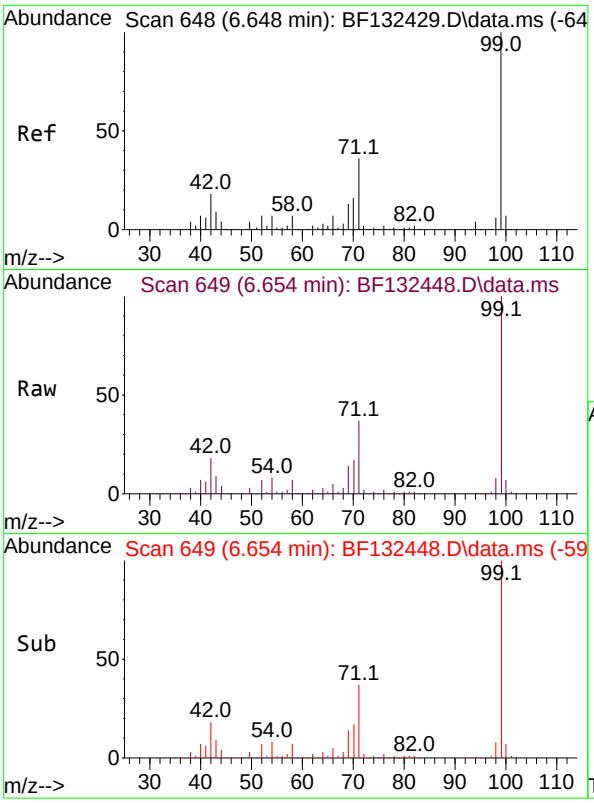


#5
2-Fluorophenol
Concen: 122.177 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:112 Resp: 1665673

Ion	Ratio	Lower	Upper
112	100		
64	66.5	49.7	74.5
63	35.7	25.8	38.8



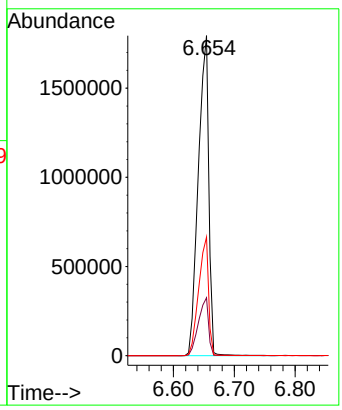


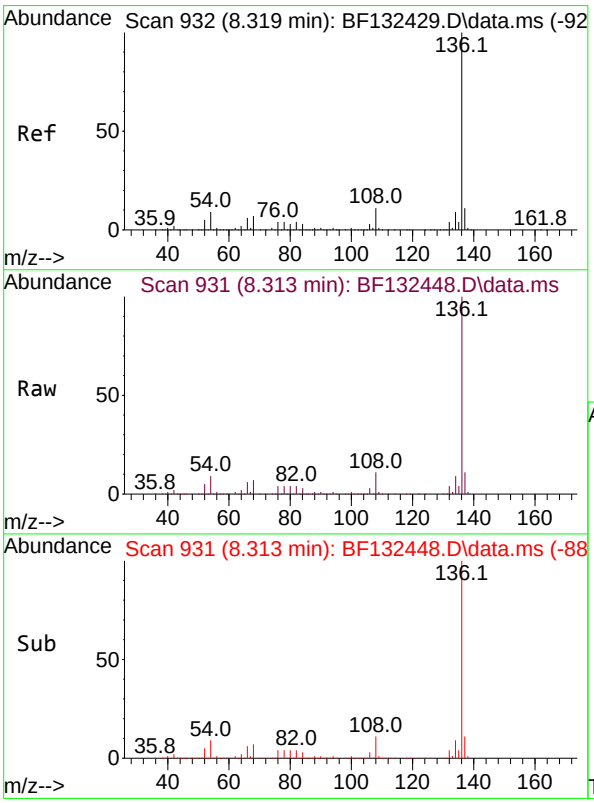
#7
Phenol-d6
Concen: 120.007 ng
RT: 6.654 min Scan# 64
Delta R.T. 0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion: 99 Resp: 2136349

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	37.0	28.7	43.1

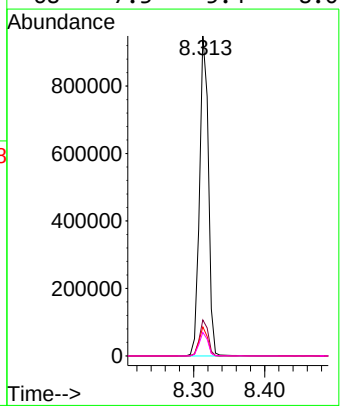


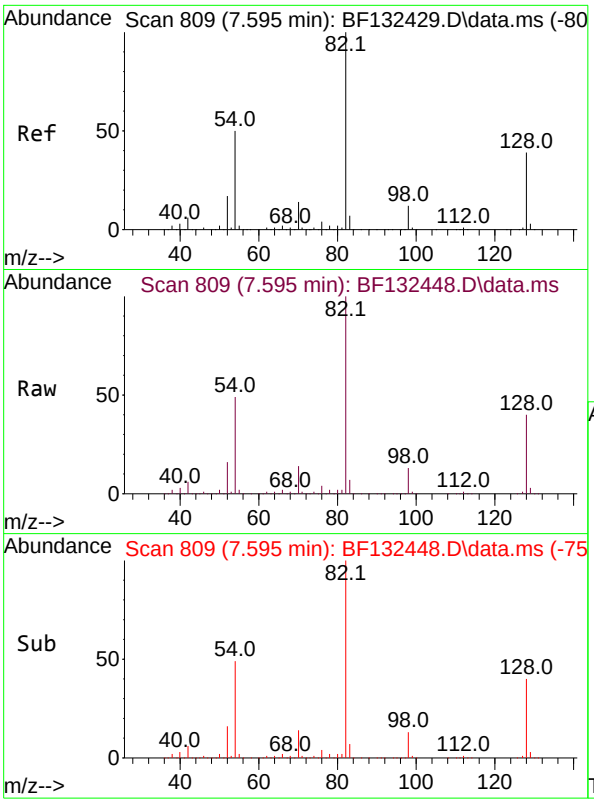


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:136 Resp: 815161

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	6.9	10.3
68	7.3	5.4	8.0



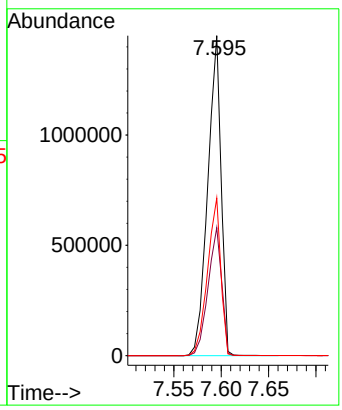


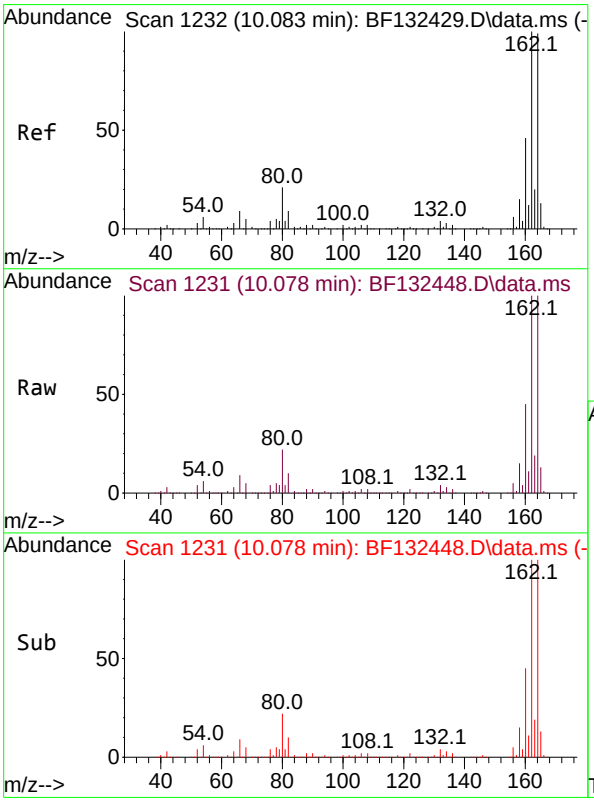
#23
Nitrobenzene-d5
Concen: 84.084 ng
RT: 7.595 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion: 82 Resp: 1426488

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.8	46.2
54	49.3	40.2	60.4

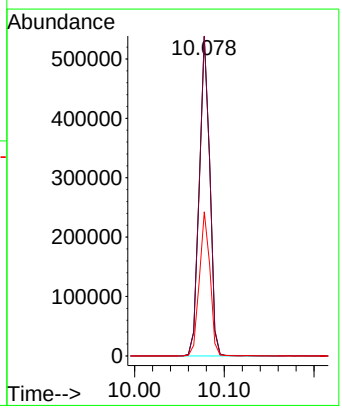


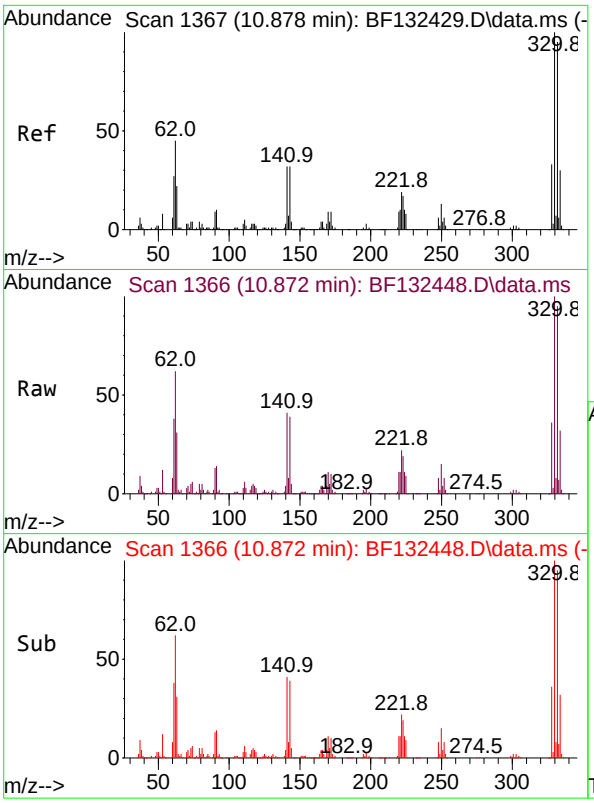


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:164 Resp: 435084

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.8	121.2
160	45.1	37.2	55.8



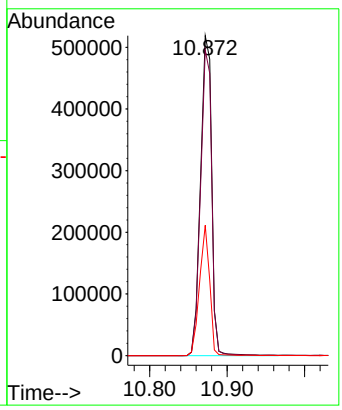


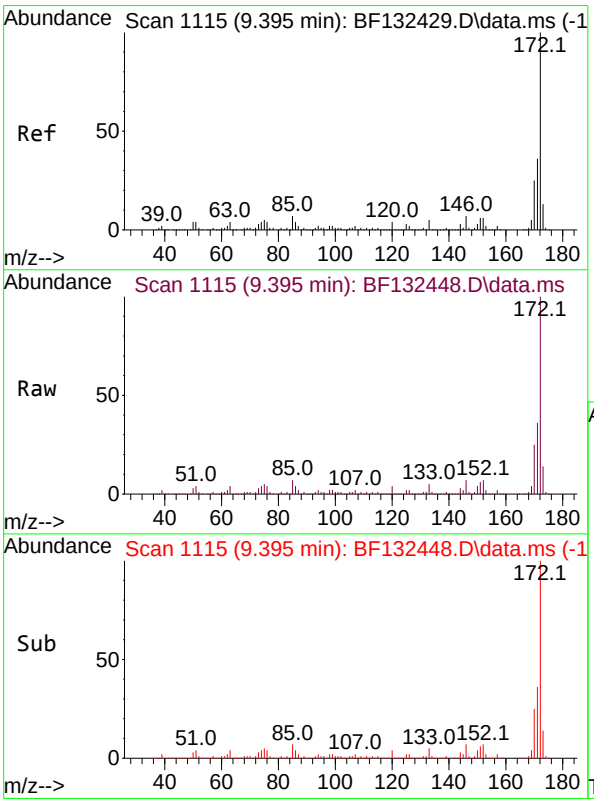
#42
2,4,6-Tribromophenol
Concen: 119.479 ng
RT: 10.872 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion:330 Resp: 518658

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.3	114.5
141	37.2	30.3	45.5

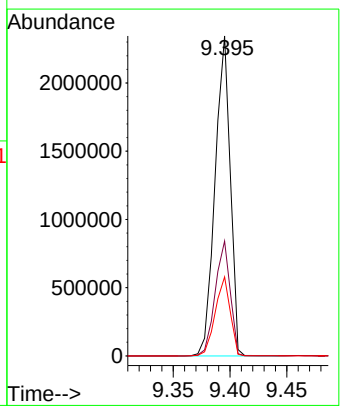


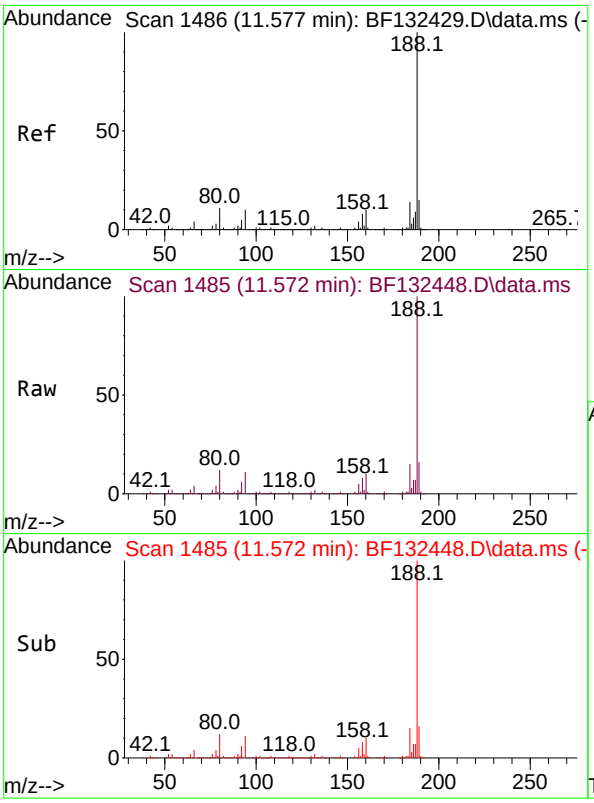


#45
2-Fluorobiphenyl
Concen: 77.340 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:172 Resp: 2178944

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.7	19.9	29.9



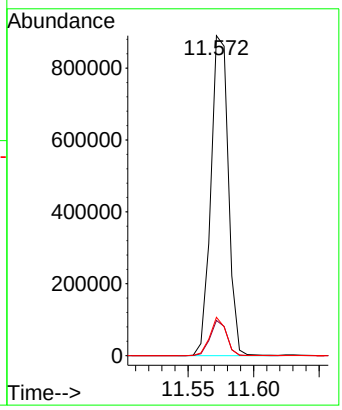


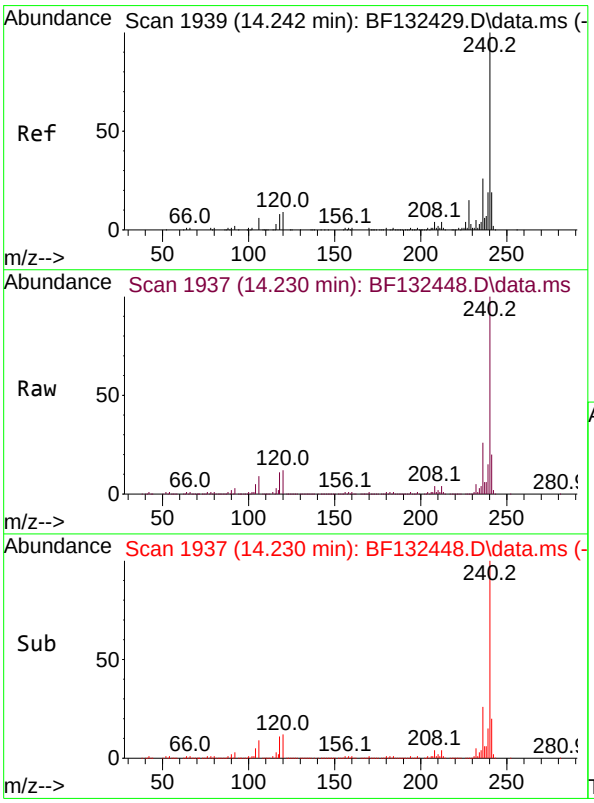
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion:188 Resp: 826894

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.0	12.0
80	12.0	8.6	12.8

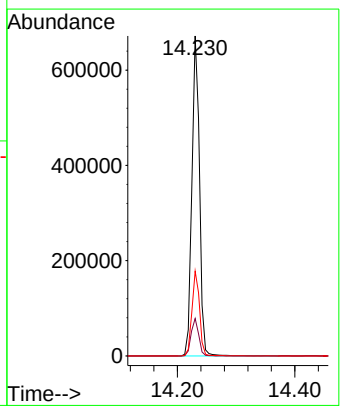


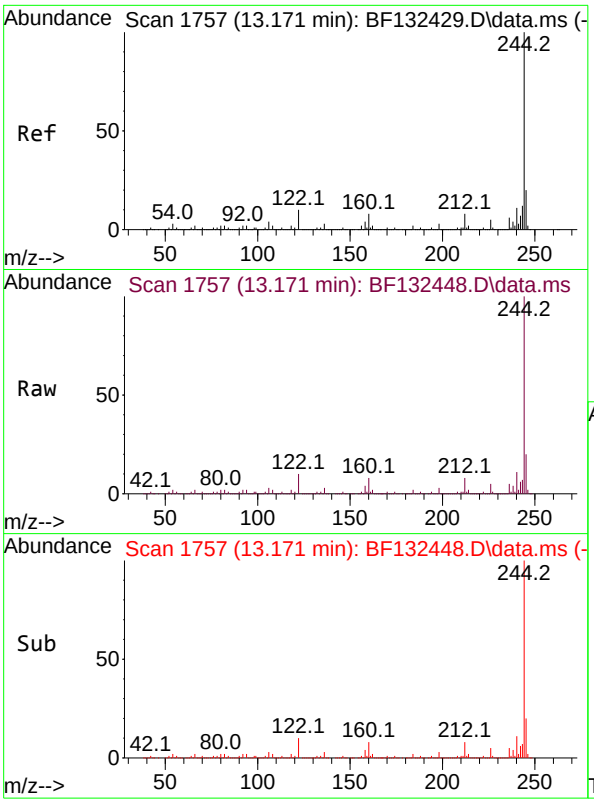


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:240 Resp: 602233

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.5	11.3#
236	26.5	21.0	31.6



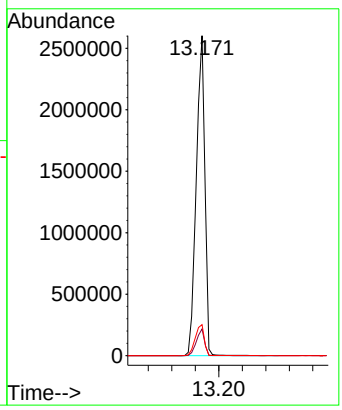


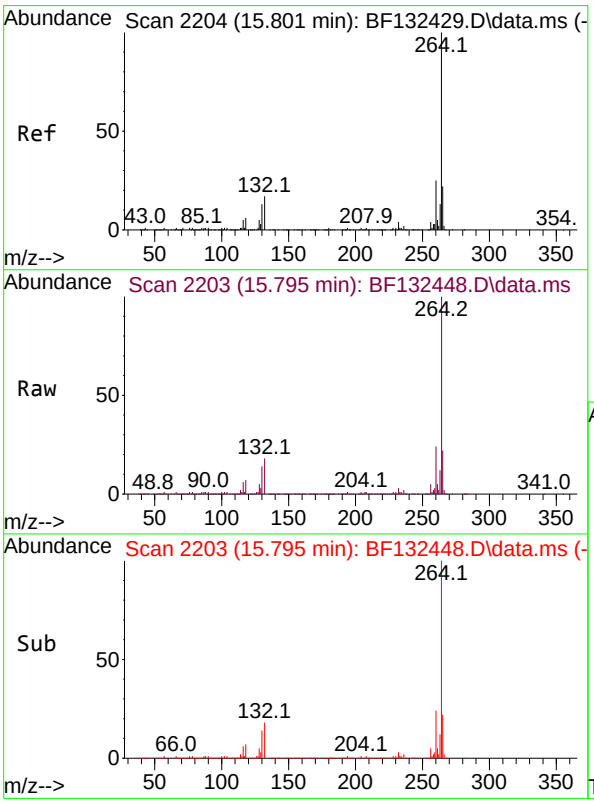
#79
Terphenyl-d14
Concen: 79.465 ng
RT: 13.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

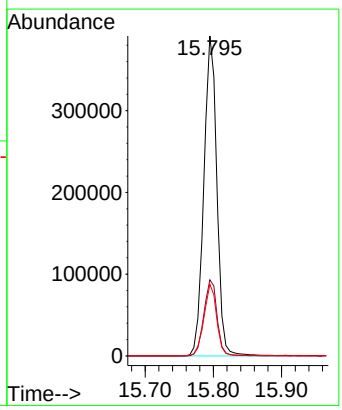
Tgt Ion:244 Resp: 2627730

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	9.7	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:264 Resp: 520288

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	22.4	17.2	25.8