Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144030.D
Acq On : 21 Oct 2025 23:51
Operator : RC/JU
Sample : Q3393-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Quant Time: Oct 22 11:14:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	96300	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	359740	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	172359	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260149	20.000	ng	0.00
76) Chrysene-d12	14.057	240	239581	20.000	ng	-0.01
86) Perylene-d12	15.545	264	287667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	398838	65.768	ng	0.00
7) Phenol-d6	6.504	99	457122	63.240	ng	-0.01
23) Nitrobenzene-d5	7.439	82	253163	42.756	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	76692	44.673	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	373648	34.398	ng	-0.01
79) Terphenyl-d14	12.998	244	388651	27.725	ng	-0.01
Target Compounds						Qvalue

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

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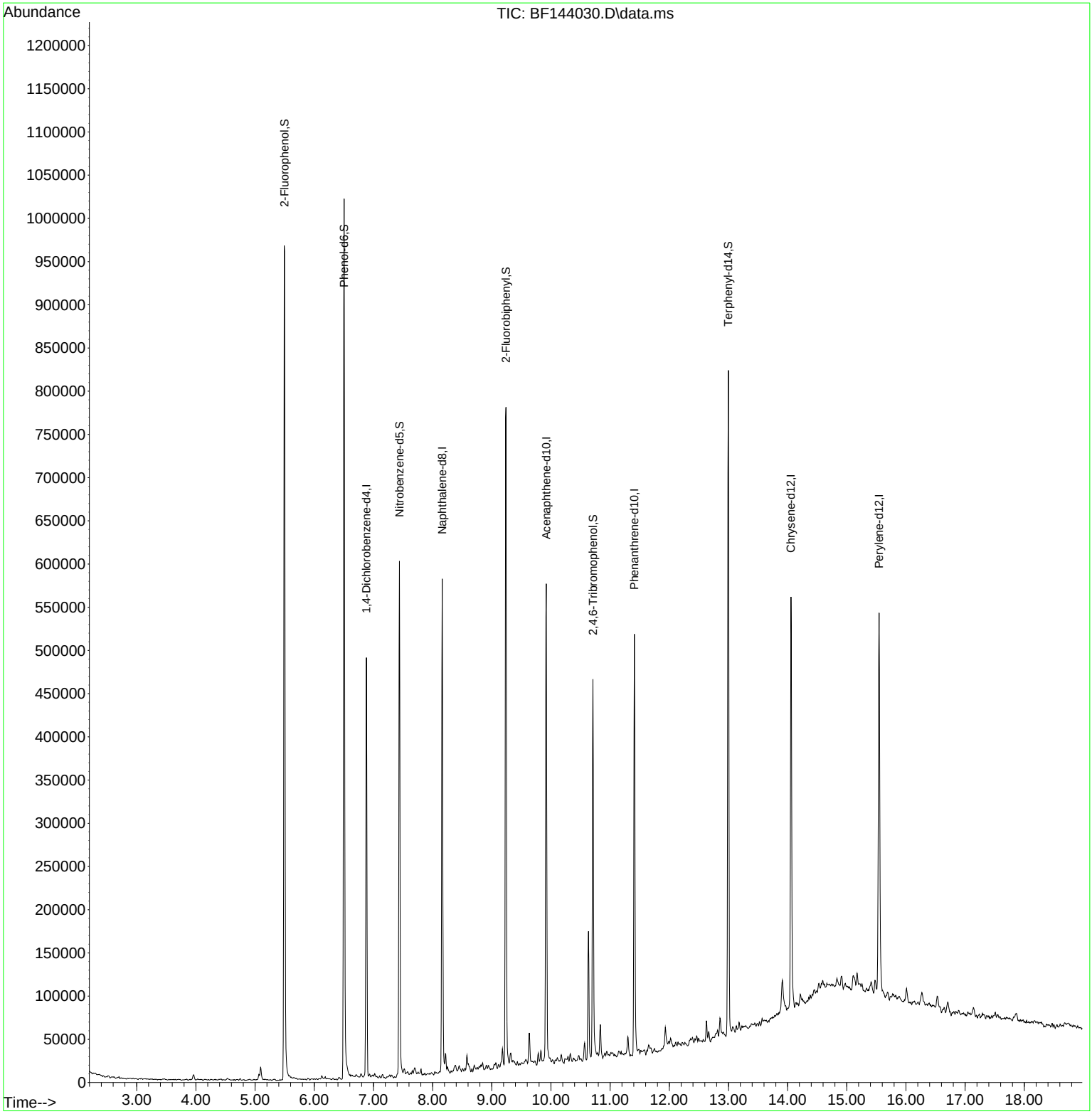
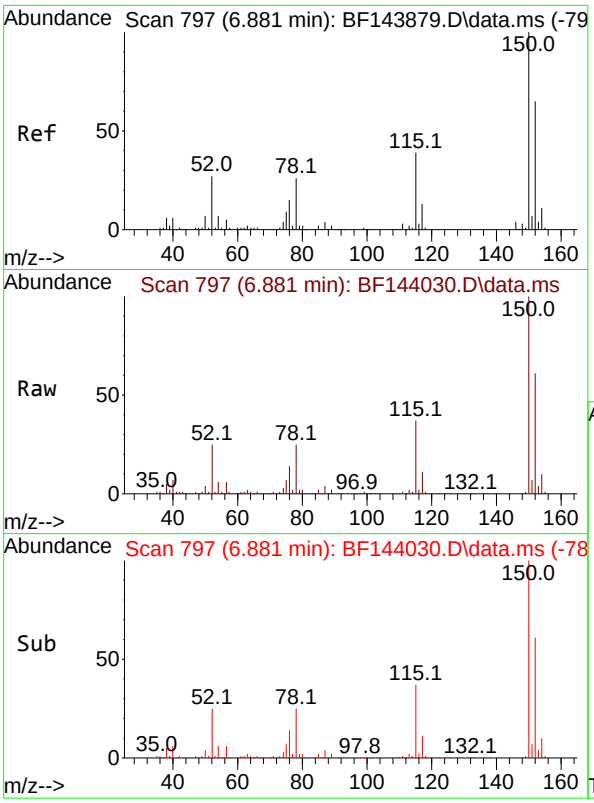


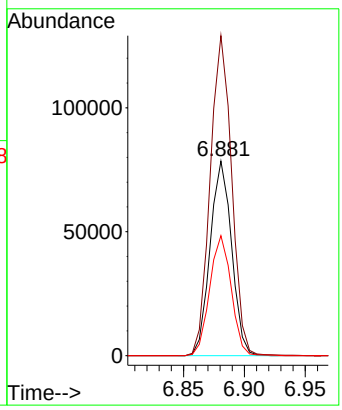


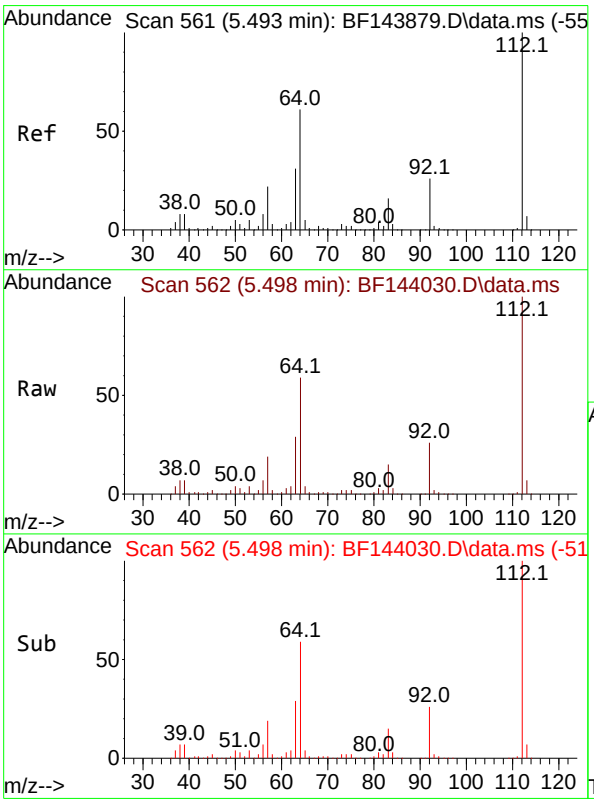
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion:152 Resp: 96300

Ion	Ratio	Lower	Upper
152	100		
150	164.5	124.4	186.6
115	61.7	48.1	72.1

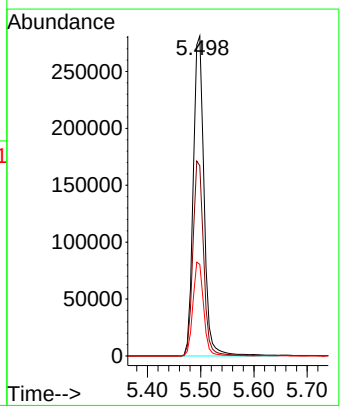


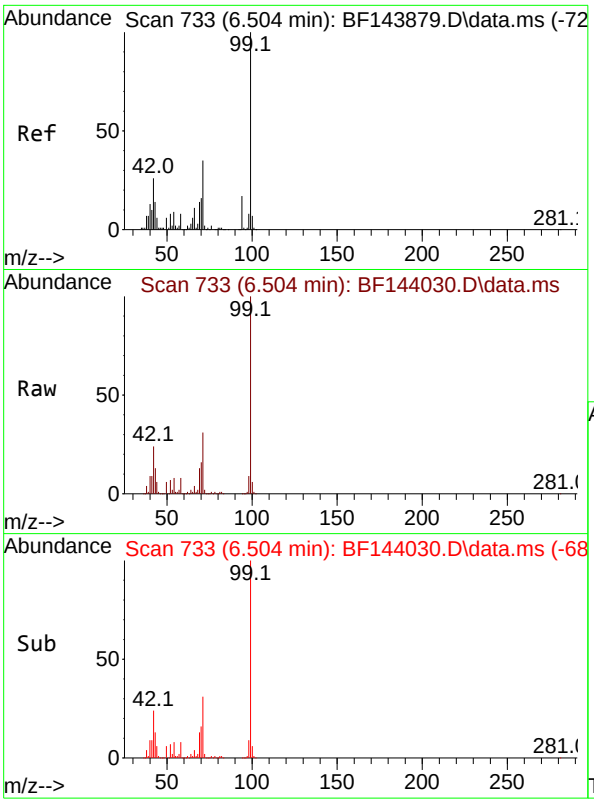


#5
2-Fluorophenol
Concen: 65.768 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:112 Resp: 398838

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.1	73.7
63	28.7	24.5	36.7



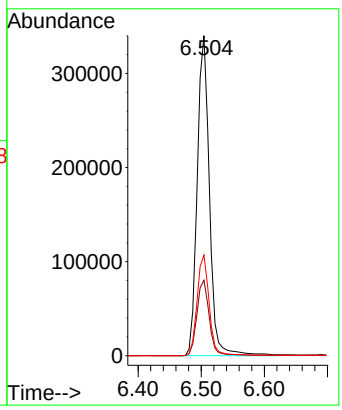


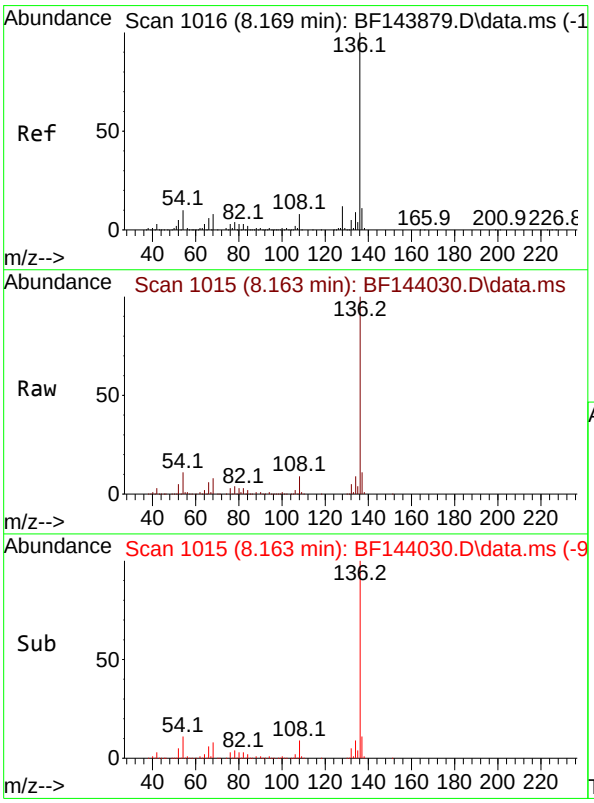
#7
Phenol-d6
Concen: 63.240 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion: 99 Resp: 457122

Ion	Ratio	Lower	Upper
99	100		
42	23.6	21.0	31.4
71	31.5	27.8	41.8

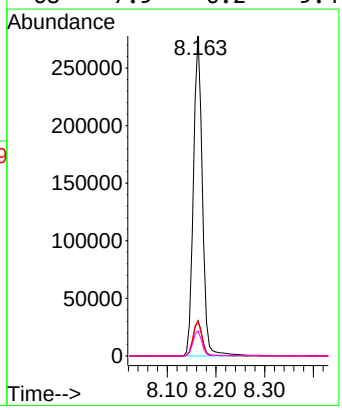


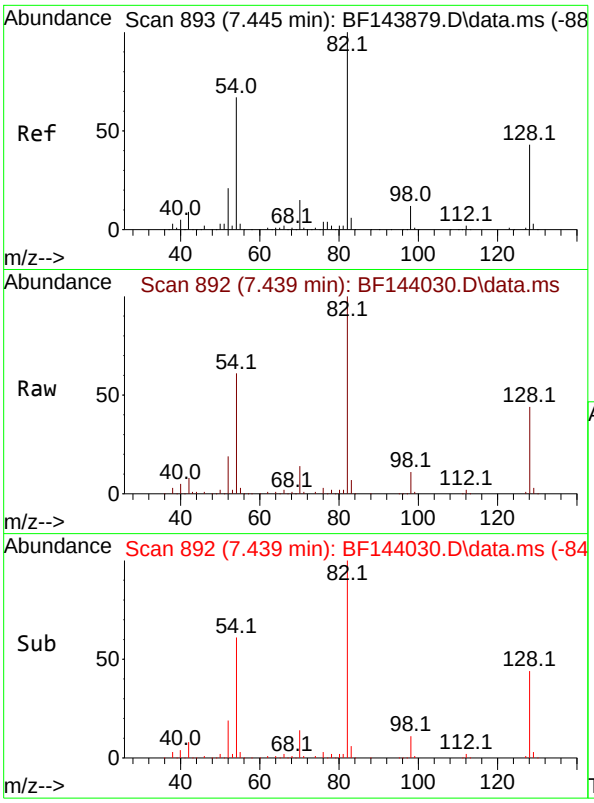


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:136 Resp: 359740

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.9	6.2	9.4



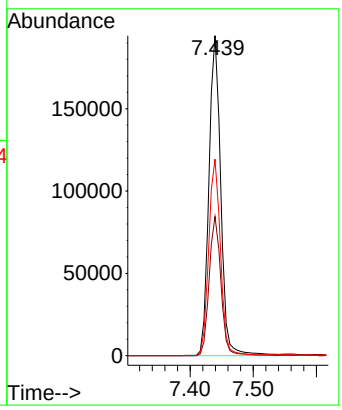


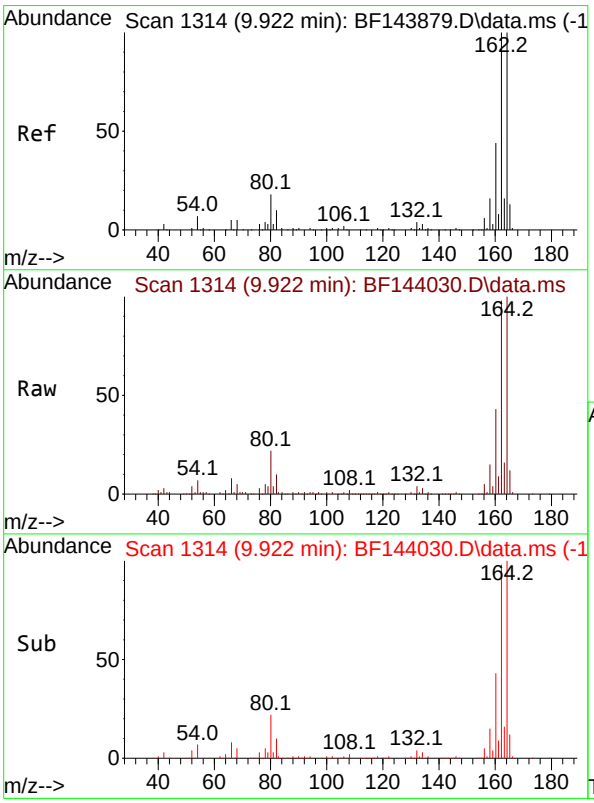
#23
Nitrobenzene-d5
Concen: 42.756 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion: 82 Resp: 253163

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	61.4	53.2	79.8

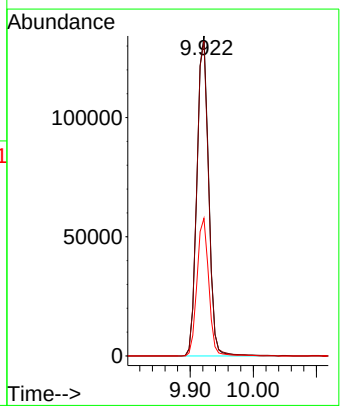


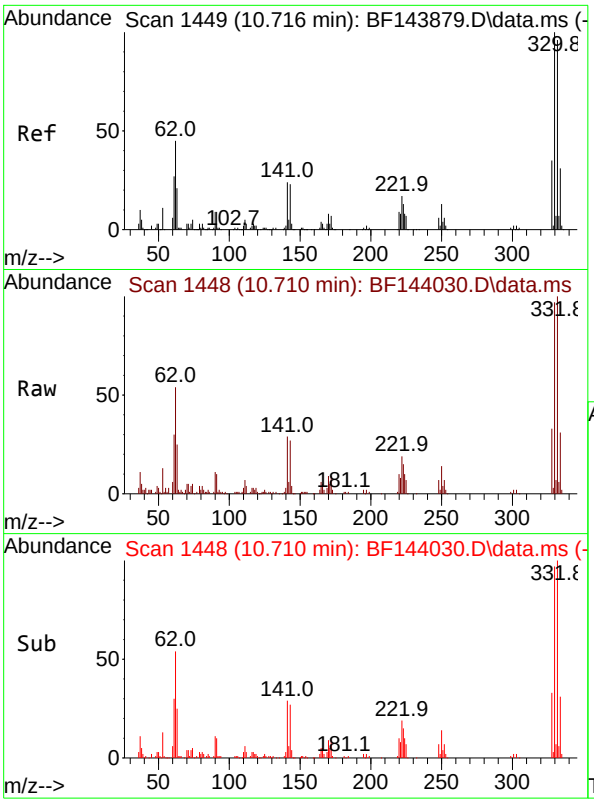


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:164 Resp: 172359

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.2	120.2
160	43.0	35.4	53.0



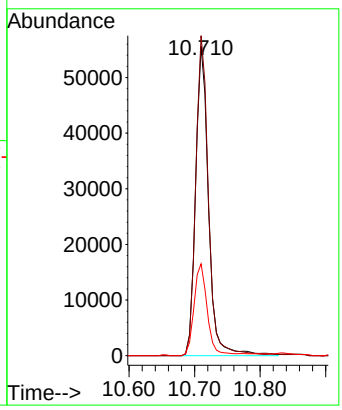


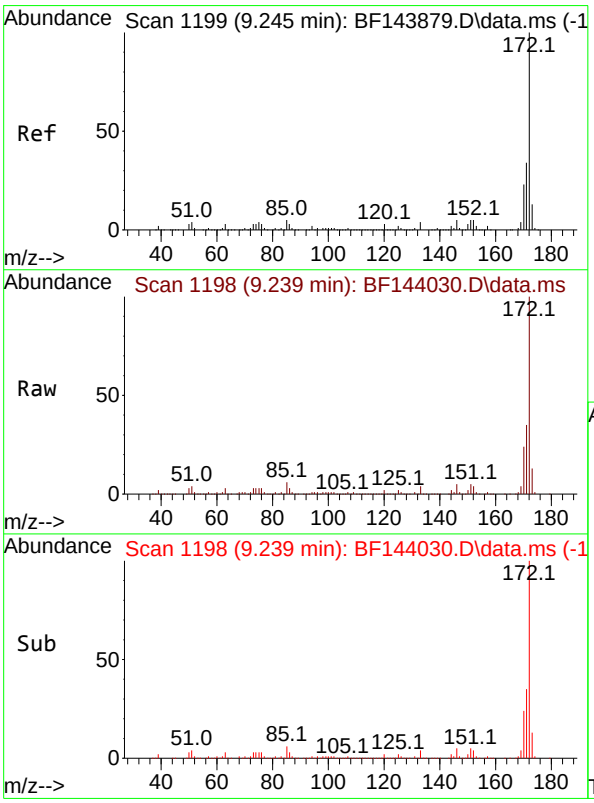
#42
2,4,6-Tribromophenol
Concen: 44.673 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion:330 Resp: 76692

Ion	Ratio	Lower	Upper
330	100		
332	101.2	76.9	115.3
141	30.8	20.2	30.4#

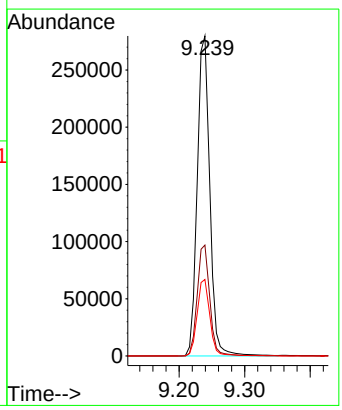


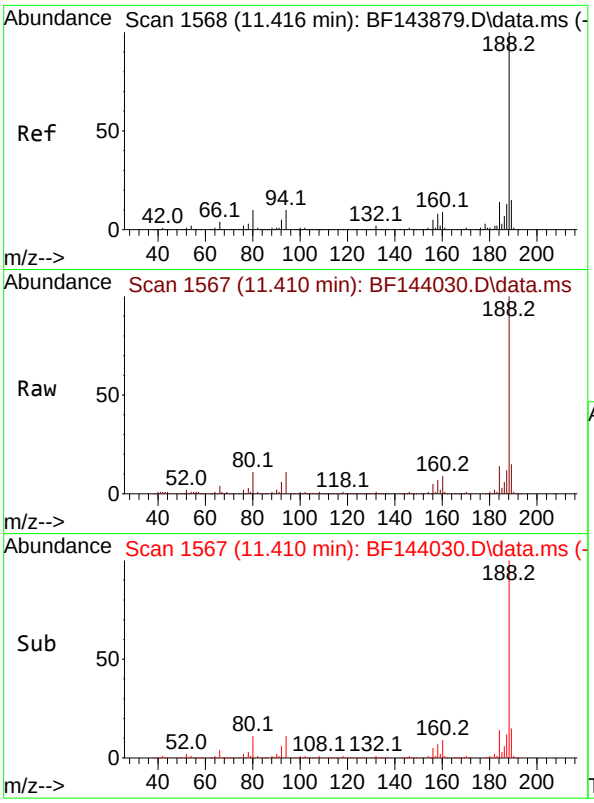


#45
2-Fluorobiphenyl
Concen: 34.398 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:172 Resp: 373648

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.9	18.6	28.0



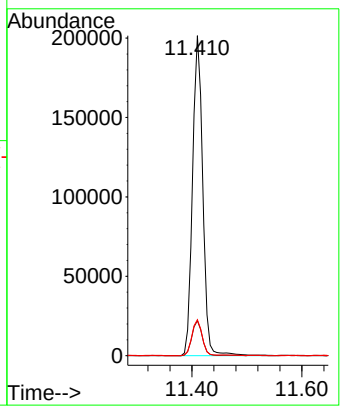


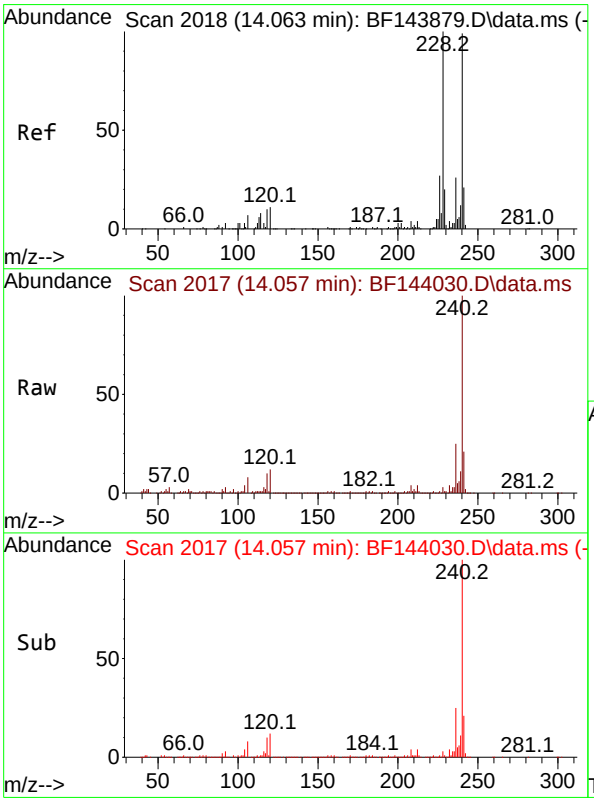
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion:188 Resp: 260149

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.8	11.6
80	11.3	7.9	11.9

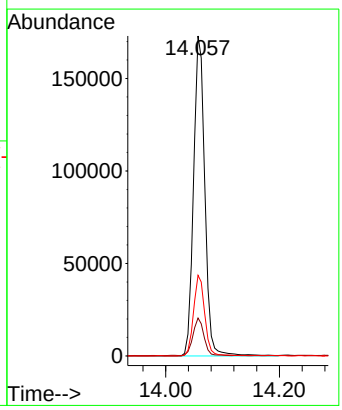


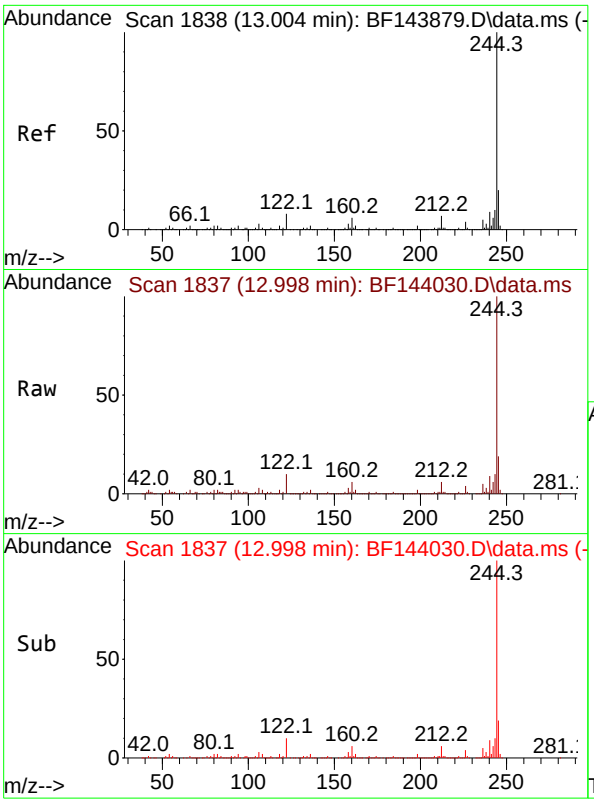


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:240 Resp: 239581

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	13.0
236	25.2	21.1	31.7



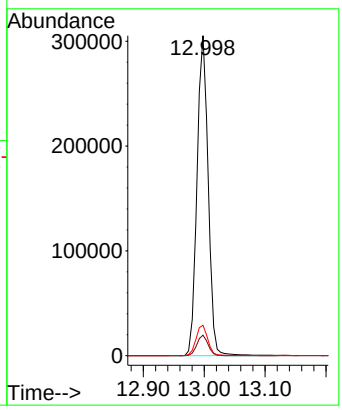


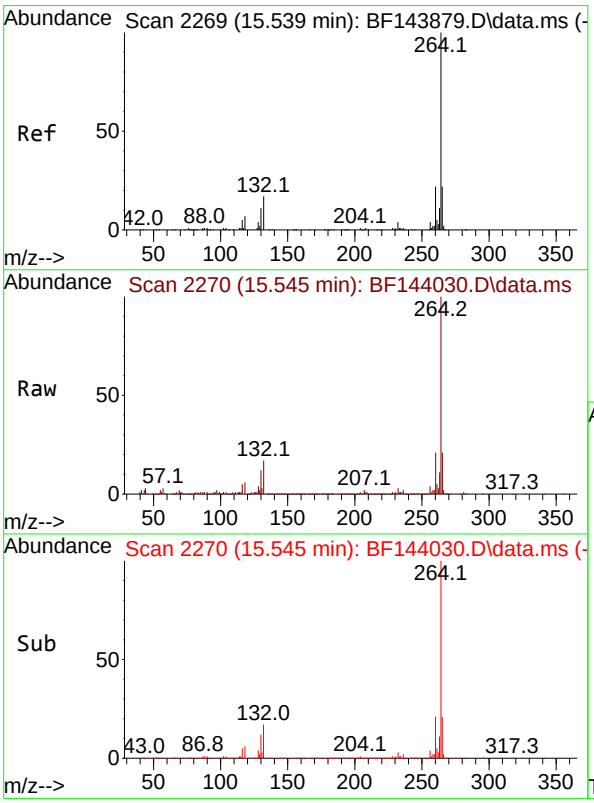
#79
Terphenyl-d14
Concen: 27.725 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Instrument :
BNA_F
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion:244 Resp: 388651

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.5	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144030.D
Acq: 21 Oct 2025 23:51

Tgt Ion:264 Resp: 287667

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.8	26.8
265	21.1	17.5	26.3